

Amphenol® LTW® Innovation In Waterproof Solution



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Outdoor LED Display Solutions

www.ltw-tech.com
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Outdoor LED System

ENCLOSURE



Enclosure (AP Box, LTWAP-ODU-M03002)
& Cable Gland (LTWCSG-12M001)

5120 Pixels Data (Shielded Cat5)

AC Power Input

Power & Data to String

Continues

12 Watts per String

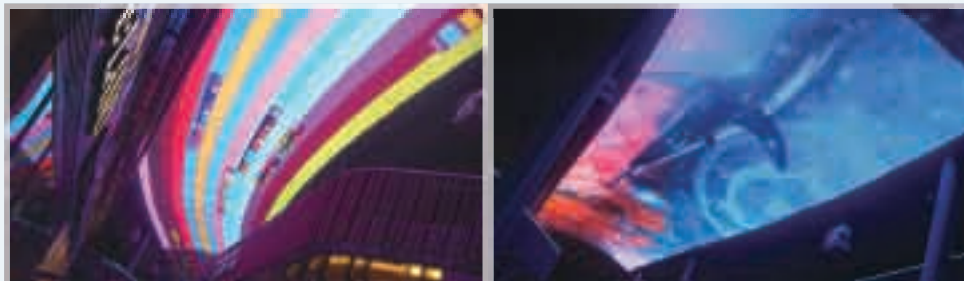
AC Power & Enclosure

50 Watts per Node (Including 4 Strings)

Outputs

Data & Power through

Input tail
Membrane
Vent



How to Order: Sensor Connector

Amphenol® LTW®

XXX - XX X X X X - X X X XXX

Number of Contacts

- 02, 03,08 Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male Connector
- F – Female Connector
- I – I style

Specification

M8 Size:

- 8 – M8 Sensor Connector
- 8P – M8 Plastic Sensor Connector

M10.5 Size:

- 105 – M10.5 Sensor Connector

M12 Size:

- 12 – M12 M12 I-Style Sensor Connector
- 12L – M12 LED Sensor Connector
- 12P – M12 M12 I-Style Plastic Sensor Connector
- 12S – M12 Shield Sensor Connector
- 12B – M12 B-Coded Sensor Connector
- SBL – M12 B-Coded LED Sensor Connector
- SBP – M12 B-Coded Plastic Sensor Connector
- SBS – M12 B-Coded Shield Sensor Connector
- 12D – M12 D-Coded Sensor Connector
- SDL – M12 D-Coded LED Sensor Connector
- SDP – M12 D-Coded Plastic Sensor Connector
- SDS – M12 D-Coded Shield Sensor Connector

Waterproof Rating

- 5 = IP 65
- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Version

- 000 : Phantom
- Without Cable 001, 002,.....
- For Cable
- A01 – 1M ~ A99 – 99M
- A – PVC UL2464 Cable
- B – PU VW-1 Cable

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- F – Front Hexagonal (For Panel Type)
- H – Rear Hexagonal (For Panel Type)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Assemble Style

- M – Molding Type
- A – Assembly Type (Solder)
- B – Assembly Type (Screw)
- C – Assembly Type (IDC)
- S – Solder Type
- P – PCB Type (180°)
- R – PCB Type (90°)

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XXX - XX X X X X - X X X XXX

Number of Contacts

- 02, 03, Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel Front Mounting
- R – For Panel Rear Mounting

Connector Style

- M – Male Connector
- F – Female Connector

Specification

- AD – Mini Size Current Rating 5A
- ASD – Mini Size Shield Current Rating 5A
- ASU – Mini Size Shield Current Rating 2A
- AU – Mini Size Current Rating 2A
- BB – Standard Size Current Rating 10A
- BBD – Standard Size Current Rating 10A+5A
- BD – Standard Size Current Rating 5A
- BDU – Standard Size Current Rating 5A+2A
- BSD – Standard Size Shield Current Rating 5A
- BSU – Standard Size Shield Current Rating 2A
- BSB – Standard Size Shield Current Rating 10A
- BU – Standard Size Current Rating 2A
- CB – Middle Size Current Rating 10A
- CBU – Middle Size Current Rating 10A+2A
- CBD – Middle Size Current Rating 10A+5A
- CC – Middle Size Current Rating 20A
- CD – Middle Size Current Rating 5A
- CDU – Middle Size Current Rating 5A+2A
- CU – Middle Size Current Rating 2A
- DC – Large Size Current Rating 20A
- DCD – Large Size Current Rating 20A+5A
- DD – Large Size Current Rating 5A
- DU – Large Size Current Rating 2A
- DSD – Large Size Shield Current Rating 5A
- ED – Macro Size Current Rating 5A

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- S – Square (For Panel Type)

Version

- 000 : Phantom
- Without Cable
- 001, 002,.....
- For Cable
- A01 – 1M ~ A99 – 99M
- A – UL2464 Cable

Assembly Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type
- B – Screw in Type

Contact Type

- M – Male
- F – Female
- C – Combo
- D – Female Power + Male Signal
- E – Male Power + Female Signal

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XXX - XX X XX X - X X X XXX

Cat

- 00
- 05 – Cat.5
- 5E – Cat.5e
- 06 – Cat.6

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel Front Mounting
- R – For Panel Rear Mounting

Connector Style

- MM – Plug Connector
- FF – Jack Connector

Specification

- RJ – RJ45 Connector
- RJS – RJ45 Shield Connector Plastics Nut
- RJM – RJ45 Shield Connector Metal Nut
- RJ0 – RJ 10PXC Connector (13/16"-16UN)
- RS0 – RJ 10PXC Shield Connector Plastics Nut (13/16"-16UN)
- RM0 – RJ 10PXC Shield Connector Metal Nut (13/16"-28UN)
- RJ8 – RJ 8PXC Connector (13/16"-16UN)
- RS8 – RJ 8PXC Shield Connector (13/16"-16UN)
- RJ6 – RJ 6PXC Connector (13/16"-16UN)
- RS6 – RJ 6PXC Shield Connector (13/16"-16UN)
- RM6 – RJ 6PXC Shield Connector Metal Nut (13/16"-28UN)
- RJ4 – RJ 4PXC Connector (13/16"-16UN)
- RS4 – RJ 4PXC Shield Connector (13/16"-16UN)
- RM4 – RJ 4PXC Shield Connector Metal Nut (13/16"-28UN)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- S – Square (For Panel Type)

Assembly Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type
- D – 110D
- I – IDC
- J – Jack
- T – Terminal Type

Version

- 000 : Phantom
- Without Cable
- 001, 002,.....
- For Cable
- A01 – 1M ~ A99 – 99M
- A – C5 UTP Cable
- B – C5 FTP Cable
- D – C5E UTP Cable
- E – C5E FTP Cable

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XXX - XXX XX X X - X X X XXX

First Connector Type

- RJ – RJ Unshield Connector
- RJS – RJ Shielded Connector

Second Connector Type

- 12A – M12 A-Coded Sensor Connector
- 12B – M12 B-Coded Sensor Connector
- 12D – M12 D-Coded Sensor Connector

Number of Second Connector Contacts

- 02 , 03 , Pin

For First Connector Pin Type

- M – Plug
- F – Jack

For Second Connector Pin Type

- M – Male Connector
- F – Female Connector

Version

- 001, 002,

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Mating Style

- L – Lock
- S – Screw
- C – Combo

Style

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Ty)

Amphenol® LTW®

XXX - XX X X X X - X X X XXX

Specification

- HJ – HDMI Jack
- HP – HDMI Plug

HDMI

- 19 – 19 Pins

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male Connector
- F – Female Connector

Assemble Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type

Version

- 000 : phantom
- Without Cable 001, 002,
- For Cable A01 – 1M ~ A05 – 05M
- A – UL2464 Cable

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- S – Square (For Panel Type)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

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M12 I Style Sensor Connector: Female Panel Connector

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTW12-05PFIS-SF8  FEATURES: <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 •  Means Different Versions 		LTW12-05AMIM-S    XX FEATURES: <ul style="list-style-type: none"> • Screw Type with SR •  Available in Straight or Right •  Available in PVC or PU Cable 	
	LTW12-05PFIP-SF8  FEATURES: <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 •  Means Different Versions 		LTW12-05BMIM-S    XX FEATURES: <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable 	
	2		LTW12-05BMIA-SL8001 FEATURES: <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable 	
			LTWSI-050000-M00-YSBXX FEATURES: <ul style="list-style-type: none"> • Screw Type • Y Cable Adaptor • PU Cable 	

Please Refer to Page 1 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTW12-05PMIS-SF8 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 •  Means Different Versions 		 <p>LTW12-05AFIM-S   XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type with SR •  Available in Straight or Right •  Available in PVC or PU Cable 		
		 <p>LTW12-05BFIM-S   XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable 		
	<p>LTW12-05PMIP-SF8 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 •  Means Different Versions 	 <p>LTW12-05BFIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable 	 <p>SOME SPEC. UPON REQUEST</p>	
	<p>2</p> <p>LTW12-05PMIS-SH8 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Rear Mounting • Solder Contacts • IP 68 •  Means Different Versions 	 <p>LTWSI-050000-F00-YSBXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Y Cable Adaptor • PU Cable 	 <p>SOME SPEC. UPON REQUEST</p>	

Please Refer to Page 1 : How to Order

Male Connector		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTW12P-05BMIM-S   XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable • IP 68 		 <p>LTW12P-05BFIM-S   XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable 		
		<p>2</p> <p>LTW12P-05BMIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable • IP 68 	 <p>LTW12P-05BFIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable 	

Please Refer to Page 1 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTWASU-△PMMS-LS7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Solder Contacts • Square Backshell • IP 67 • △ Available in 4 to 6 Pins 		 <p>LTWAU-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 		 <p>UPON REQUEST</p>  <p>UPON REQUEST</p>  <p>UPON REQUEST</p>  <p>UPON REQUEST</p> 
 <p>2</p> <p>LTWAW-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 				
 <p>3</p> <p>LTWAW-△PMM-△△△△7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Available in Circular or Square Backshell • △ Means Different Versions 		 <p>LTWAW-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 4~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>4</p> <p>LTWAW-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		 <p>LTWAW-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 		 <p>UPON REQUEST</p>  <p>UPON REQUEST</p>  <p>UPON REQUEST</p>  <p>UPON REQUEST</p> 
 <p>5</p> <p>LTWAW-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 66 • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in IP 66 or IP 67 				
 <p>6</p> <p>LTWAW-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 4 to 6 Pins 		 <p>LTWAW-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		




Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWAD-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		<p>LTWAD-△△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
<p>2</p> 	<p>LTWAD-△PMM-△△△7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • IP 67 • △ Available in 2 and 3 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Circular or Square Backshell • △ Means Different Versions 			<p>UPON REQUEST</p> 
<p>3</p> 	<p>LTWAD-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Solder Contacts • Circular Flange • Rear Mounting • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		<p>LTWAD-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p> 


Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 4~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>4</p> 	<p>LTWAD-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in IP 66 or IP 67 		<p>LTWAD-△△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
<p>5</p> 	<p>LTWAD-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 2 and 3 Pins 			<p>UPON REQUEST</p> 
<p>6</p> 	<p>LTWASD-△PMM△-LS7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Square Backshell • IP 67 • △ Available in 2 and 3 Pins • △ Available in PCB or Solder Type 		<p>LTWAD-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p> 

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWBSU-10PMM-△-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in PCB or Solder Type 		<p>LTWBSU-10BFFM-S△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	<p>2</p> <p>LTWBSU-10RMMS-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 			









Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWBU-△PMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type 		<p>LTWBU-△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 10 and 12 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	<p>2</p> <p>LTWBU-△PMM-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 10 and 12 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	<p>3</p> <p>LTWBU-△RMM-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type 	 <p>IP 67</p>	<p>LTWBU-△BFFA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	<p>4</p> <p>LTWBU-△△MM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP 66 • △ Available in 10 and 12 Pins • △ With or without SR • △ Available in IP66 or IP67 			
	<p>5</p> <p>LTWBU-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 10 and 12 Pins 			

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWBD-△PMM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type 		LTWBD-△△FFM-△△△△AXX FEATURES: <ul style="list-style-type: none"> • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	2 LTWBD-△PMM-△-△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 6 to 8 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	3 LTWBD-△PMMR-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 90° PCB Contacts • Circular Backshell • IP 67 • △ Available in 4 to 8 Pins • △ Available in Screw or Lock Type 		LTWBD-△BFFA-△L△001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	4 LTWBD-△RMMS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type 	IP 66		

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWBSD-△PMM-△S△7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • IP 67 • △ Available in 4 to 8 Pins • △ Available in PCB or Solder Type • △ Available in Circular or Square Backshell • △ Means Different Versions 		LTWBD-△△FFM-△△△△AXX FEATURES: <ul style="list-style-type: none"> • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	2 LTWBSD-△RMMS-SC7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 6 and 8 Pins 		LTWBD-△BFFA-△L△001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	3 LTWBD-△△MMM-LL△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in IP 66 or IP 67 	IP 66		
	4 LTWBD-△BMM-LL△001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 8 Pins • △ Available in IP 66 or IP 67 		LTWBSD-△BFFM-S△6AXX FEATURES: <ul style="list-style-type: none"> • Without SR • 90° Molded with Cable • Screw Type • △ Available in 4 to 8 Pins • △ Available in Straight or Right 	

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1 LTWBD-△PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWBD-△△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Molded with Cable • △ Available in 2 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	<p>2 LTWBD-△PMF△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 2 to 6 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	<p>3 LTWBD-△RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type 			
	<p>4 LTWBD-△△MFM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 66 • △ Available in 2 to 6 Pins • △ With or without SR • △ Available in IP 66 or IP 67 		<p>LTWBD-△BFMA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 90° Assembly Type • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	<p>5 LTWBD-△BMFA-LL△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • Field Installable • △ Available in 2 to 6 Pins • △ Available in IP 66 or IP 67 	IP 67		








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Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1 LTWBDU-08PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in Screw or Lock Type 		<p>LTWBDU-08△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP66 or IP67 	
	<p>2 LTWBDU-08PMF△-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 			
	<p>3 LTWBDU-08RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Circular Backshell • Solder Contacts • IP 67 • △ Available in Screw or Lock Type 		<p>LTWBDU-08BFMA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type 	

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWBB-△PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ Available in 2 to 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP66 or IP67 	
	<p>2</p> <p>LTWBB-△PMF△-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 2 to 3 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 			
	<p>3</p> <p>LTWBB-△RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△BFMA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 	



Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWBB-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • IP 67 • 180° Molded with Cable • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ Available in 2 to 4 Pins • △ With or Without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	<p>2</p> <p>LTWBB-△PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • IP 67 • Circular Backshell • △ Available in 2 to 4 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	<p>3</p> <p>LTWBB-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • IP 67 • Solder Contacts • Circular Backshell • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△BFFA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 (2, 3 Pins) or IP 67 	
	<p>4</p> <p>LTWBSB-04RMMS-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • IP 67 • Solder Contacts • Circular Backshell 	IP 67		
	<p>5</p> <p>LTWBB-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 67 • △ Available in 2 to 4 Pins • △ With or without SR • △ Available in IP66 or IP67 		<p>LTWBSB-04BFFM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable 	
	<p>6</p> <p>LTWBB-△BMMA-LL△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 4 Pins • △ Available in IP 66 (2, 3 Pins) or IP 67 			

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Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWBBD-06PMFM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in Screw or Lock Type 		LTWBBD-06△FMM-△△△AXX FEATURES: <ul style="list-style-type: none"> • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	2 LTWBBD-06PMF△-△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	3 LTWBBD-06RMFS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in Screw or Lock Type 			
	4 LTWBBD-06△MFM-LL△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ With or without SR • △ Available in IP 66 or IP 67 			
	5 LTWBBD-06BMFA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 			

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Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWCU-18PMMP-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • PCB Contacts • Circular Backshell • IP 67 • △ Available in Screw or Lock Type 		LTWCU-18△FFM-△L△7AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	LTWCU-18PMMP-SC7002 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 			LTWCU-18BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type





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Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWCD-△PMFM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 7 to 9 Pins • △ Available in Screw or Lock Type 			
	2 LTWCD-△PMF△-△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 7 or 9 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		LTWCD-△△FMM△L△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ Available in 7 to 9 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	3 LTWCD-△RMFS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 7 or 9 Pins • △ Available in Screw or Lock Type 			
	4 LTWCD-△△MFM-LL△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP 67 • △ Available in 7 to 9 Pins • △ With or without SR • △ Available IP 66 or IP 67 		LTWCD-△BFMA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 7 to 9 Pins • △ Available in Screw or Lock Type 	
	5 LTWCD-△BMFA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 7 to 9 Pins 			

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Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWCD-△PMMM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 			
	2 LTWCD-△PMM△-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 		LTWCD-△△FFM△△△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 7 to 10, 12 and 14 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	3 LTWCD-△RMMS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 			
	4 LTWCD-△BMMA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 7 to 10, 12 and 14 Pins 		LTWCD-△BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 	
	5 LTWCD-△△MMM-LL△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 7 to 10, 12 and 14 Pins • △ With or without SR • △ Available in IP 66 or IP 67 			

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Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWCDU-△PMF△△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 12 and 14 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 		LTWCDU-△△FMM-△L△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 12 and 14 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
			LTWCDU-△BFMA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 12 and 14 Pins • △ Available in Screw or Lock Type 	









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Panel (Chassis) Mount		Mating Parts of 1~3		Accessories	
CONNECTOR	P/N	CONNECTOR	P/N		
	1 LTWCB-△PMFM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 		LTWCB-△△FMM-△L△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 5 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available In IP 66 or IP 67 		
	2 LTWCB-△PMF△△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 4 to 5 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 				
	3 LTWCB-△RMFS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 		LTWCB-△BFMA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 		

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWCB-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 067 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWCB-△△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	<p>2</p> <p>LTWCB-△PMM△△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP67 • △ Available in 4 to 6 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	<p>3</p> <p>LTWCB-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWCB-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 	 






Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWCB-08PMF△△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 		<p>LTWCB-08△FMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded With Cable • △ With or without SR • △ Available in Screw or Lock Type 	
	<p>2</p> <p>LTWCB-08PMM△△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 		<p>LTWCB-08△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	  

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Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWCC-03PMMM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 		<p>LTWCC-03△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	<p>2</p> <p>LTWCC-03PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		<p>LTWCC-03BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type 	
	<p>3</p> <p>LTWCC-02PMFS-LC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		<p>LTWCC-02AFMM-LL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable 	

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Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTDU-△PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 20 to 22 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		<p>LTDU-△△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ Available in 20 to 22 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
				
				

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWDD-18PMF [△] - [△] [△] [△] 7 [△] FEATURES: <ul style="list-style-type: none"> • IP 67 • [△] Available in PCB or Solder Type • [△] Available in Screw or Lock Type • [△] Circular or Square Backshell • [△] Means Different Versions 		LTWDD-18 [△] FMM- [△] L [△] AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • [△] With or without SR • [△] Available in Screw or Lock Type • [△] Available in IP 66 or IP 67 	
	2 LTWDD-18RMFS- [△] C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • [△] Available in Screw or Lock Type 			
	3 LTWDD-18PMF [△] -SS8 [△] FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Square Backshell • IP 68 • [△] Available in PCB or Solder Type • [△] Means Different Versions 		LTWDD-18BFMA- [△] L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • [△] Available in Screw or Lock Type 	
	4 LTWDD-18BMFA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 			
	5 LTWDD-18 [△] MFM-LL [△] AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • [△] With or without SR • [△] Available in IP 66 or IP 67 		LTWDD-18BFMM-S [△] 6AXX FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • [△] Available in Straight or Right 	





Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWDD-18PMM [△] - [△] [△] [△] 7 [△] FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • [△] Available in PCB or Solder Type • [△] Available in Screw or Lock Type • [△] Available in Circular or Square Backshell • [△] Means Different Versions 		LTWDD-18 [△] FFM- [△] [△] [△] AXX FEATURES: <ul style="list-style-type: none"> • [△] With or without SR • [△] Available in Screw or Lock Type • [△] Available in Straight or Right • [△] Available in IP 66 or IP 67 	
	2 LTWDD-18RMMS- [△] C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • [△] Available in Screw or Lock Type 			
	3 LTWDD-18 [△] MMM-LL [△] AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • IP 67 • [△] With or without SR • [△] Available in IP 66 or IP 67 		LTWDD-18BFFA- [△] L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • [△] Available in Screw or Lock Type 	
	4 LTWDD-18BMMA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 			

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWDC-△PMFP-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		LTWDC-△BFMB-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type • Only for 1	
	2 LTWDC-△PMM△-△△7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • IP 67 • △ Available in 2 to 7 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Circular or Square Backshell 		LTWDC-△△FFM-△L△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • △ Available in 2 to 7 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 • Only for 2 to 5	
	3 LTWDC-△PMMP-LS7002 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 3 to 5 Pins 		LTWDC-△BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 7 Pins • △ Available in Screw or Lock Type • Only for 2 to 5	
	4 LTWDC-△RMMS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 7 Pins • △ Available in Screw or Lock Type 		LTWDC-△BFFB-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type • Only for 2 to 5	
	5 LTWDC-03BMMB-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • IP 67 			

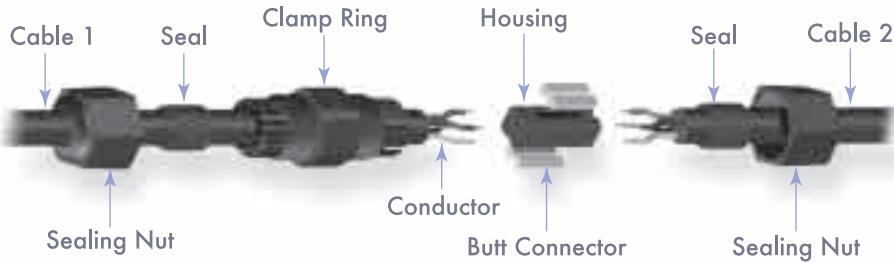
Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWDCD-12PMDS-LC7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		LTWDCD-12AFEM-L△7AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • △ Available in Straight or Right 	
	LTWDCD-12PMES-LC7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		LTWDCD-12AFDM-L△7AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • △ Available in Straight or Right 	

Please Refer to Page 2 : How to Order

LTWCX-04BAM20-7001

Name of Parts



Features:

- Mating Style: Screw Type
- IP Rating : 67
- No. of Cable Conductors it can connect: 2 to 4

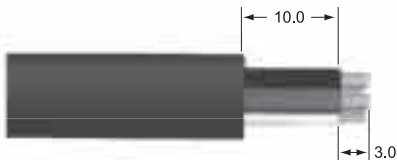
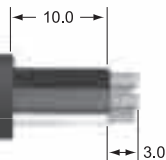
Recommended Hand Tool:

LTWTOL-222901



Recommended Cable Gauge:
16AWG to 24AWG

► Strip Cable sheath and insulation.

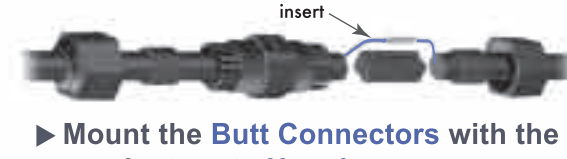


► Insert the Conductors of Cable 1 into Butt Connector and press down to clip the wire.

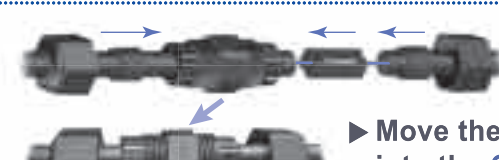


► Insert the Conductors of Cable 2 into the other end of Butt Connector and press down to clip.

⚠ For safety, it is advisable that conductor colors should match!



► Mount the Butt Connectors with the clipped conductors to Housing.






► Move the Housing and Seals into the Clampring as shown.






► Connect Sealing Nuts to the opposite ends of Clamp Ring. Tighten using Hand Tool or hand while holding assy.

⚠ Good for AC use but no safety agency approval for this connector. For further info please contact us with complete electrical specs.

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>LTWRM0-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 10P10C • Screw Type • IP 67 • △ Means Different Versions 		 <p>LTWRM0-5EBMMM-SL7EXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • 10P10C • Cable FTP 		
		 <p>LTWRJM-00BMMMA-SL7003</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Metal • IP 67 		

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>LTWRJM-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 • △ Means Different Versions 		 <p>LTWRJM-5EBMMM-SL7EXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • RJ45 • Cat.5E • Cable FTP 		
		 <p>LTWRJM-00BMMMA-SL7003</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Metal • IP 67 		



Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTW△-5EPFF△-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Cat.5E • IP 67 • △ RJ45 or Shielded RJ45 • △ 110D or RJ45 Jack • △ Means Different Versions 		<p>LTW△-△BMMM-SL7△XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • △ RJ45 or Shielded RJ45 • △ Cat.5 or Cat.5E • △ Cable UTP or FTP 	
	<p>2</p> <p>LTWRJ-05PFFT-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Cat.5 • Terminal Type • Screw Type • IP 67 		<p>LTWRJ-00AMMA-SL7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67 	
	<p>3</p> <p>LTWRJS-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • RJ45 Jack • Cat.5E • Shielded RJ45 • IP 67 • △ Means Different Versions 			
	<p>4</p> <p>LTWRJS-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • RJ45 Jack • Cat.5E • Shielded RJ45 • IP 67 • △ Means Different Versions 		<p>LTWRJ-00BMMMA-SL7005</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	
	<p>5</p> <p>LTW△-5EAFFM-SL7△XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Cat.5E • IP 67 • △ RJ45 or Shielded RJ45 • △ Cable UTP or FTP 			

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWRJ8-5EPFFJ-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 		<p>LTWRJ8-00AMMA-SL7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67 	
	<p>2</p> <p>LTWRS8-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 • △ Means Different Versions 		<p>LTWRJ8-00BMMMA-SL7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 • △ Means Different Versions 	
			<p>LTWRJ8-△BMMM-SL7△X</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • △ Cat.5 or Cat.5E • △ Cable UTP or FTP 	

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJ6-00PFFJ-SC7001 FEATURES: <ul style="list-style-type: none"> • Screw Type • IP 67 		LTWRJ6-00BMMMA-SL7001 FEATURES: <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • IP 67 	
			LTWRJ6-00BMMM-SL7AXX FEATURES: <ul style="list-style-type: none"> • Screw Type • Molded with Cable • Without SR • IP 67 	

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJ4-00PFFJ-SC7001 FEATURES: <ul style="list-style-type: none"> • Screw Type • Panel Front Mounting • IP 67 		LTWRJ4-00BMMMA-SL7001 FEATURES: <ul style="list-style-type: none"> • Assembly Type • Without SR • IP 67 	
			LTWRJ4-00BMMM-SL7A [△] FEATURES: <ul style="list-style-type: none"> • Molding Type • Without SR • IP 67 • [△]Means Different Versions 	




Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJ-ΔPFFD-SS7001 FEATURES: <ul style="list-style-type: none"> • Screw Type • 110D • RJ45 • IP 67 • Δ Cat.5E or Cat.6 		LTWRJ-00BMMA-SL7002 FEATURES: <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	
	LTWRJS-ΔPFFΔ-SS7Δ FEATURES: <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • IP 67 • Δ 00 or Cat.5E • Δ 110D, RJ45 Jack or PCB 90 • Δ Means Different Versions 		LTWRJS-ΔAMMM-SΔ7ΔXX FEATURES: <ul style="list-style-type: none"> • Screw Type • Molded with Cable • Shielded RJ45 • IP 67 • Δ Cat.5 or Cat.5E • Δ Availabl in Straight or Right • Δ Cable UTP or FTP 	
			LTWRJ-00AMMA-SL7001 FEATURES: <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67 	
			LTWRJ-00BMMA-SL7004 FEATURES: <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	





Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJS-00PFFJ-SC7001 FEATURES: <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • RJ45 Jack • IP 67 			
	LTWRJS-00PFFA-SC7Δ FEATURES: <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • Field Installable • IP 67 • Δ Means Different Versions 			
	LTWRJS-00BFFA-SL7Δ FEATURES: <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • Field Installable • IP 67 • Δ Means Different Versions 			
	LTWRJS-5EPFFJ-SC7Δ FEATURES: <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • Field Installable • IP 67 • Δ Means Different Versions 			

Please Refer to Page 3 : How to Order


Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJS-PPFD-S FEATURES: <ul style="list-style-type: none"> Screw Type 110D RJ45 Shielded IP 67 Cat.5E or Cat.6 Circular or Square Backshell 		LTWRJ-00BMMA-SL7 FEATURES: <ul style="list-style-type: none"> Screw Type Field Installable Without SR RJ45 or Shielded RJ45 IP 67 Means Different Versions 	
			LTWRJ-00BMMA-SL8003 FEATURES: <ul style="list-style-type: none"> Screw Type Field Installable Without SR RJ45 or Shielded RJ45 IP 68 	

Please Refer to Page 3 : How to Order



Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTW-5EPFFP-LC7001 FEATURES: <ul style="list-style-type: none"> Lock Type PCB 180 Cat.5E IP 67 RJ45 or Shielded RJ45 		LTW-5EAMMM-L7 FEATURES: <ul style="list-style-type: none"> Lock Type Molded with cable Cat.5E IP 67 RJ45 or RJ45 Shielded Available in traight or Right Cable UTP or FTP 	
			LTWRJ-00MMA-LL7001 FEATURES: <ul style="list-style-type: none"> RJ45 Lock Type Field Installable IP 67 With or Without SR 	

Please Refer to Page 3 : How to Order

RJ45 to M12 D-Coded Adaptor

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJS-12D08FM-RS6001 FEATURES: <ul style="list-style-type: none"> RJ45 Shielded M12 D-Coded Screw Type IP 66 			

Please Refer to Page 4 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWHJ-19PFFR-QS7001 FEATURES: <ul style="list-style-type: none"> • Latch Type • 90° PCB • IP67 		LTWHP-19AMMM-QL7AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP67 	

Please Refer to Page 5 : How to Order

About Amphenol LTW

Founded in 1993 in Taiwan by Peter Chen, LTW Technology is a professional innovator and manufacturer focusing on outdoor waterproof connectors and solutions.

LTW Technology was acquired by Amphenol Group in April of 2010 and now the official name changed from "LTW Technology" to "Amphenol LTW Technology Co., Ltd.". Amphenol LTW is still lead by current management team, under the leadership of Peter Chen and will dedicate to the same principle that LTW has driven relationship with its customers in the past: Quality, Service, Enthusiasm, Professionalism and Innovation.

Amphenol LTW has actively devoted to various outdoor and industrial applications by successfully developing high-end waterproof connectors. We acquired many worldwide patents and certification such as ISO14001, ISO9001, and NMEA 2000...etc. Amphenol LTW is well positioned to enhance products quality and customer service.

Headquartered in Shijiang city, Taipei County - Taiwan, Amphenol LTW group has approximately 620 employees with R&D center in Hualien, East of Taiwan, Automated CNC, tool and mold factories in Shulin, Taipei County, and a complete production line operating in Kunshan, Jiangsu Province, China.

Products

Amphenol LTW designs and manufactures waterproof connectors which are high/low temperature resistant, UV resistant, and dusts, sands and corrosion proof and cable assemblies for various purposes and applications. All products meet IP66, IP67, IP68 or IP69K. The waterproof range includes Circular, RJ45, D-sub, Sensor, USB, DVI/HDMI, Power Connector, Hybrid Connector, etc.

All products are designed and built to meet high standard requirements such as: Temperature resistant, Fire-proof, Dirt-proof, EMI-proof, Vibration-proof, Shock-proof, UV-resistant, Oil-resistant, Chemical resistant, Environmental-friendly, Durable, Long Life cycle, and Easy of Use.

All products are designed to provide customers value-added solutions whilst enabling to be competitive and shorten time to market cycle.

Applications

Amphenol LTW is more than a supplier of connector but a solution provider to your challenges and problems.

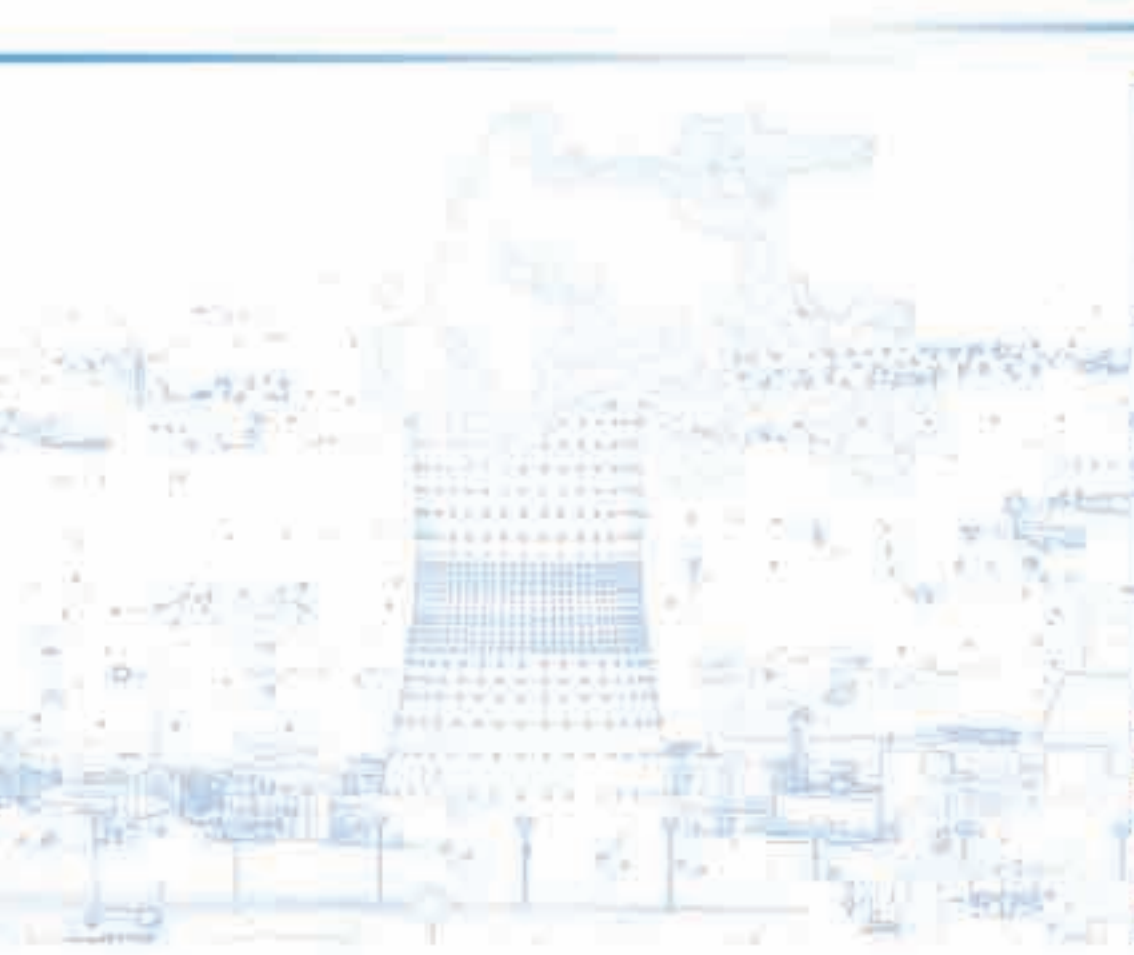
Amphenol LTW connector solutions targeting the following market applications:

- | Aerospace, Medical
- | Industrial Automation
- | GPS
- | Military, Marine
- | Outdoor Surveillance
- | LED Screen & Lighting
- | Diving Device
- | Automobile
- | Renewable Energy
- | Sonar Radar
- | Audio/Video
- | WiMax/Wireless Communication

Amphenol LTW is dedicated to satisfy worldwide customers by innovative design and qualified manufacture for different market segments.

Amphenol® LTW®

AMPHENOL LTW



Amphenol LTW Technology Co., Ltd.

Head Office (Taiwan)

Amphenol LTW Technology Co., Ltd.

10F, No.657-12, Jungong Road, Shengong
City, Taichung County 44004, Taiwan

Tel: +886-2-2608-562

Fax: +886-2-2522-476-000

www.amphenol.tw/tech/eng

Branch Office (China)

Amphenol Zhibang Electronic (Kunshan) Co., Ltd.

No. 4211, Taicang Road, Jiang Yang Street, Kunshan City,
Zhejiang Province 215504, China

Tel: +86-512-561-2501-2

Fax: +86-512-561-0511

Sales Contact (East China) +86-512-561-2512

South China +86-755-2623-1497

137-1767-4156

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