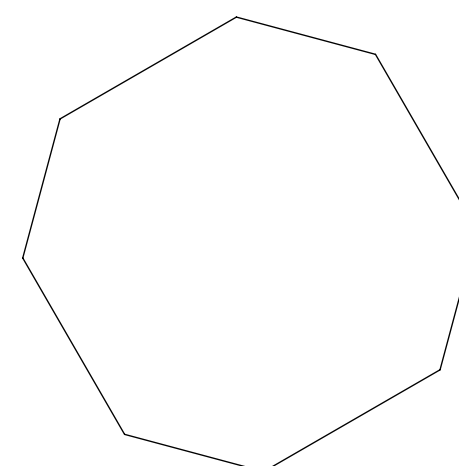


P/N	IMPEDANCE	AWG	LENGTH	TOLERANCE	EE SPEC
1002240325	85 Ohms	30	1000mm	±10	SAS 3.0



- NOTES:
- MATERIAL:
 HOUSING - 30% GLASS FILLED NYLON, UL94-V0
 LATCH - MOLDED INTO HOUSING
 EXPANDO - PET
 CABLE - TWIN-AX SHIELD: ALUMINIZED POLYESTER FOIL
 SIGNAL AND DRAIN: SOLID COPPER
 PCB - FR4 (HALOGEN FREE)
 - THIS PRODUCT CONFORMS TO THE MECHANICAL DIMENSIONING OF SFF-8643
 - RoHS COMPLIANT. NO EXEMPTIONS

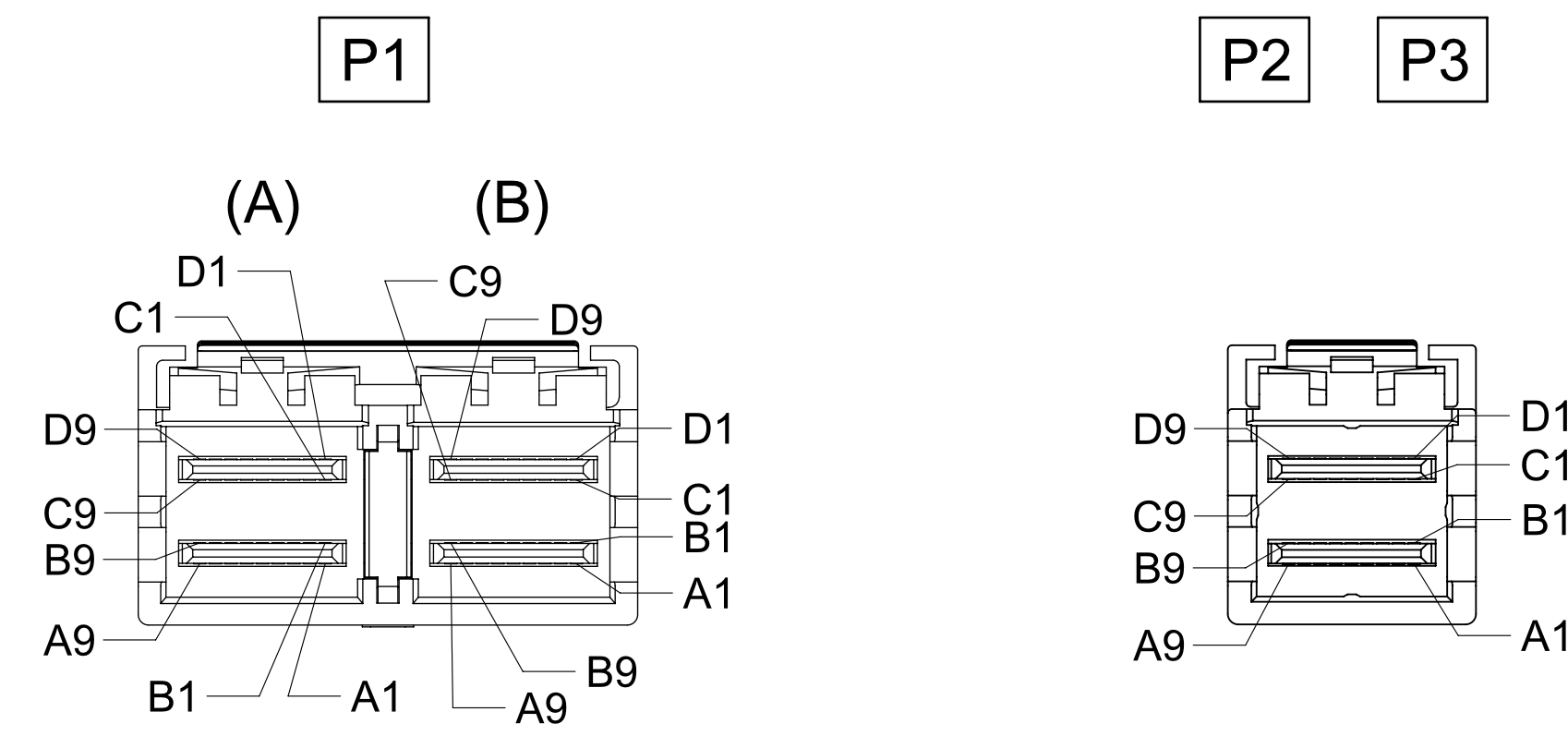
DIMENSION UNITS		SCALE	CURRENT REV DESC:				PERMISSION			
mm		5:1	EC NO: DRWN: CWANG193 2021/05/10				HD 8X STR TO 2*HD 4X STR			
GENERAL TOLERANCES (UNLESS SPECIFIED)			CHK'D:				DOCUMENT NUMBER			
ANGULAR TOL ± 3.0°			APPR:				DOC TYPE DOC PART REVISION			
4 PLACES ±			INITIAL REVISION:				1002240325 PSD 000 1			
3 PLACES ±			DRWN: CWANG193 2021/05/10				MATERIAL NUMBER CUSTOMER SHEET NUMBER			
2 PLACES ± 0.13			APPR:				SEE CHART RIKOR 1 OF 3			
1 PLACE ± 0.25			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION D-SIZE 100224			
0 PLACES ±			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION D-SIZE 100224			

DOCUMENT STATUS	RELEASE DATE

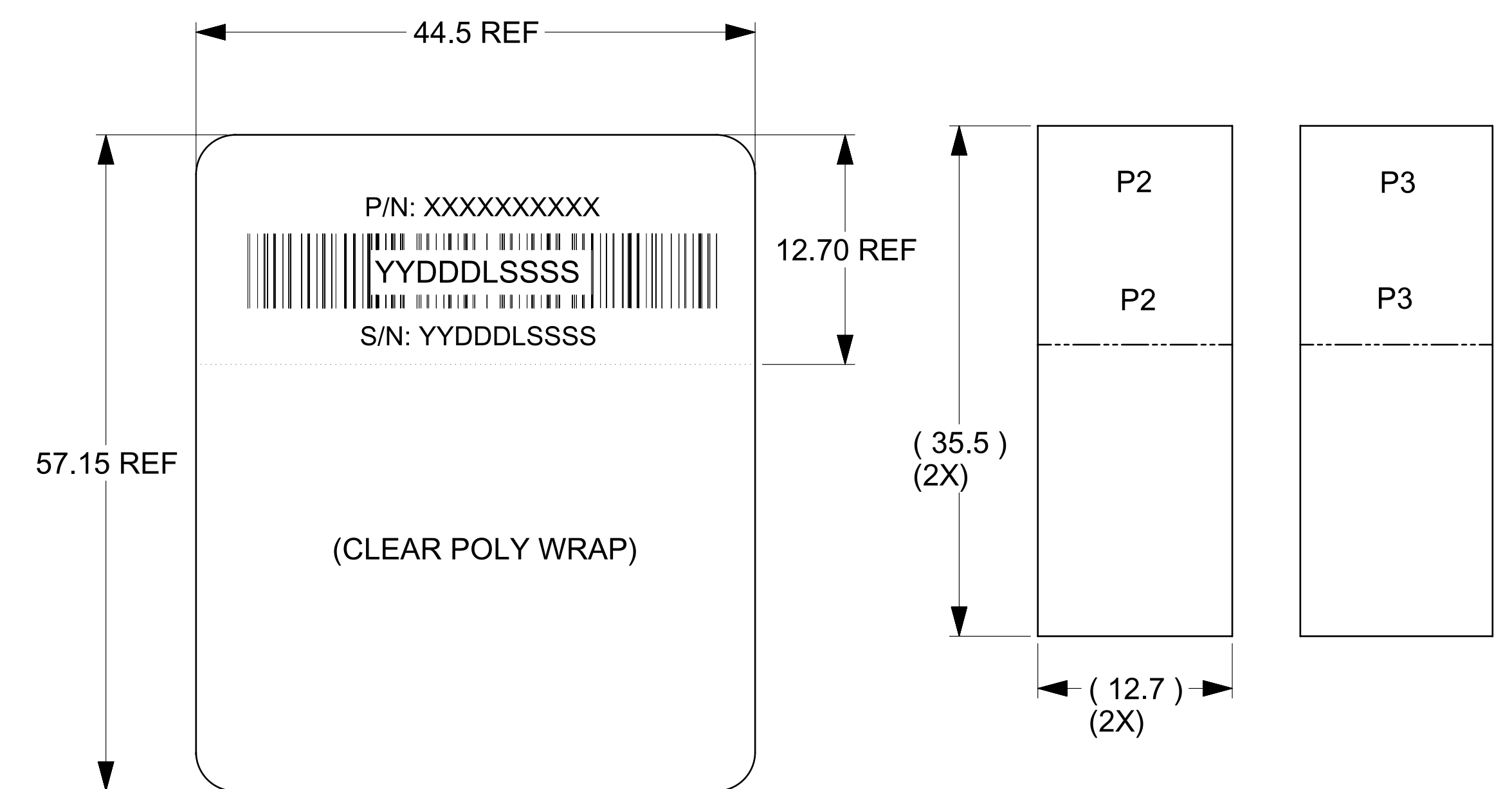
PINOUT TABLE

P1 (A)			P2		P3	
GND	D9	NC				
TX2-	D8	→	A5	RX-		
TX2+	D7	→	A4	RX+		
GND	D6	---	A3	GND		
TX0-	D5	→			A5	RX-
TX0+	D4	→			A4	RX+
GND	D3	---			A3	GND
SB6	D2	---		GND		
SB5	D1	---	A1	SB0		
SB4	C1	---	A2	SB7		
SB2	C2	---	B2	SB3		
GND	C3	---			A6	GND
TX1+	C4	→			A7	RX+
TX1-	C5	→			A8	RX-
GND	C6	---	A6	GND		
TX3+	C7	→	A7	RX+		
TX3-	C8	→	A8	RX-		
GND	C9	NC				
GND	B9	NC				
RX2-	B8	←	C5	TX-		
RX2+	B7	←	C4	TX+		
GND	B6	---	C3	GND		
RX0-	B5	←			C5	TX-
RX0+	B4	←			C4	TX+
GND	B3	---			C3	GND
SB1	B2	---	C2	SB4		
SB3	B1	---	B1	SB1		
SB7	A1	---	C2	SB4		
SB0	A2	---	C1	SB2		
GND	A3	---			C6	GND
RX1+	A4	←			C7	TX+
RX1-	A5	←			C8	TX-
GND	A6	---	C6	GND		
RX3+	A7	←	C7	TX+		
RX3-	A8	←	C8	TX-		
GND	A9	NC				

P1 (B)			P2		P3	
GND	D9	NC				
TX2-	D8	→	B5	RX-		
TX2+	D7	→	B4	RX+		
GND	D6	---	B3	GND		
TX0-	D5	→			B5	RX-
TX0+	D4	→			B4	RX+
GND	D3	---			B3	GND
SB6	D2	---				GND
SB5	D1	---			A1	SB0
SB4	C1	---			A2	SB7
SB2	C2	---			B2	SB3
GND	C3	---			B6	GND
TX1+	C4	→			B7	RX+
TX1-	C5	→			B8	RX-
GND	C6	---	B6	GND		
TX3+	C7	→	B7	RX+		
TX3-	C8	→	B8	RX-		
GND	C9	NC				
GND	B9	NC				
RX2-	B8	←	D5	TX-		
RX2+	B7	←	D4	TX+		
GND	B6	---	D3	GND		
RX0-	B5	←			D5	TX-
RX0+	B4	←			D4	TX+
GND	B3	---			D3	GND
SB1	B2	---			C2	SB4
SB3	B1	---			B1	SB1
SB7	A1	---			C2	SB4
SB0	A2	---			C1	SB2
GND	A3	---			D6	GND
RX1+	A4	←			D7	TX+
RX1-	A5	←			D8	TX-
GND	A6	---	D6	GND		
RX3+	A7	←	D7	TX+		
RX3-	A8	←	D8	TX-		
GND	A9	NC				



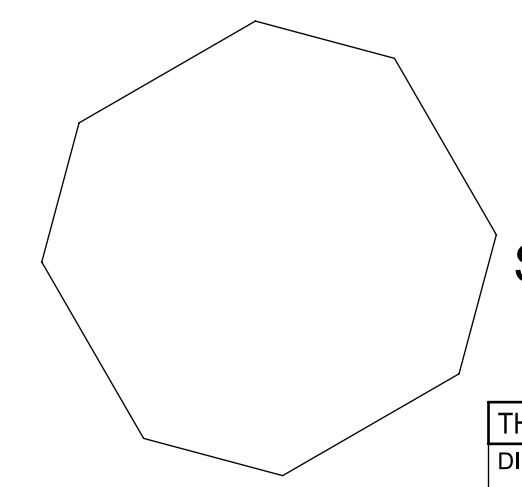
LABEL DETAIL



P/N: XXXXXXXXXX - MOLEX PART NUMBER (SEE P/N TABLE)

S/N: YYDDLSSSS - SERIAL NUMBER
 YY = YEAR, THE LAST 2 DIGITS OF YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 - USA
 2 - MEXICO
 3 - CHINA
 4 - PHILIPPINES
 SSSS = SERIAL NUMBER (0001-9999)

LEGEND:
 ----- = GROUND LINES
 _____ = HOOKUP WIRES
 ———> = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
 NC = NOT CONNECTED

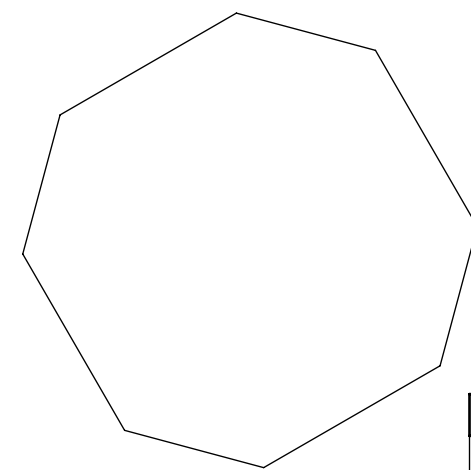


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGY										PERMISSION	
DIMENSION UNITS: mm		SCALE: 20:1		CURRENT REV DESC:							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 2021/05/10						HD 8X STR TO 2*HD 4X STR	
ANGULAR TOL ± 3.0°		4 PLACES ±		3 PLACES ±		2 PLACES ± 0.13		1 PLACE ± 0.25		0 PLACES ±	
DRAWING: D-SIZE				SERIES: 100224		MATERIAL NUMBER: SEE CHART		CUSTOMER: RIKOR		SHEET NUMBER: 3 OF 3	
DOCUMENT NUMBER: 1002240325		DOC TYPE: PSD		DOC PART: 000		REVISION: 1					

DOCUMENT STATUS	RELEASE DATE
-----------------	--------------

L
K
J
H
G
F
E
D
C
B
A

REVISION HISTORY		
DATE	REV	DESCRIPTION
2021/05/10	1	PRELIMINARY PROPOSED
2021/06/01		ADJUSTED PIN CONNECTION.



DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHN										MISSION
UNSION UNITS	SCALE	CURRENT REV DESC:								
mm	1:1									
GENERAL TOLERANCES UNLESS SPECIFIED)		EC NO:								
ANGULAR TOL	± 3.0°	DRWN: CWANG193 2021/05/10					HD 8X STR TO 2*HD 4X STR			
4 PLACES	±	CHK'D:								
3 PLACES	±	APPR:								
2 PLACES	± 0.13	INITIAL REVISION:								
1 PLACE	± 0.25	DRWN: CWANG193 2021/05/10					DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
0 PLACES	±	APPR:					1002240325	PSD	000	1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		☉ □	D-SIZE	100224		RIKOR	2 OF 3			