

REV.	ECN NO./DESCRIPTION	DATE
A	R131023	04/14'14
B	R160670	01/19'17

NOTES:

1.MATERIAL:
HOUSING:HIGH TEMPERATURE NYLON OR SEE TABLE
LATCH:PA66+30%GF.
TERMINAL:BRASS C2680 OR PHOSPHOR BRONZE C5191

2.FINISH:
TERMINALS: 50u" NI PLATING OVER ALL;
100u" MATTE Sn PLATING ON SOLDER TAIL;
GOLD PLATING ON CONTACT AREA.

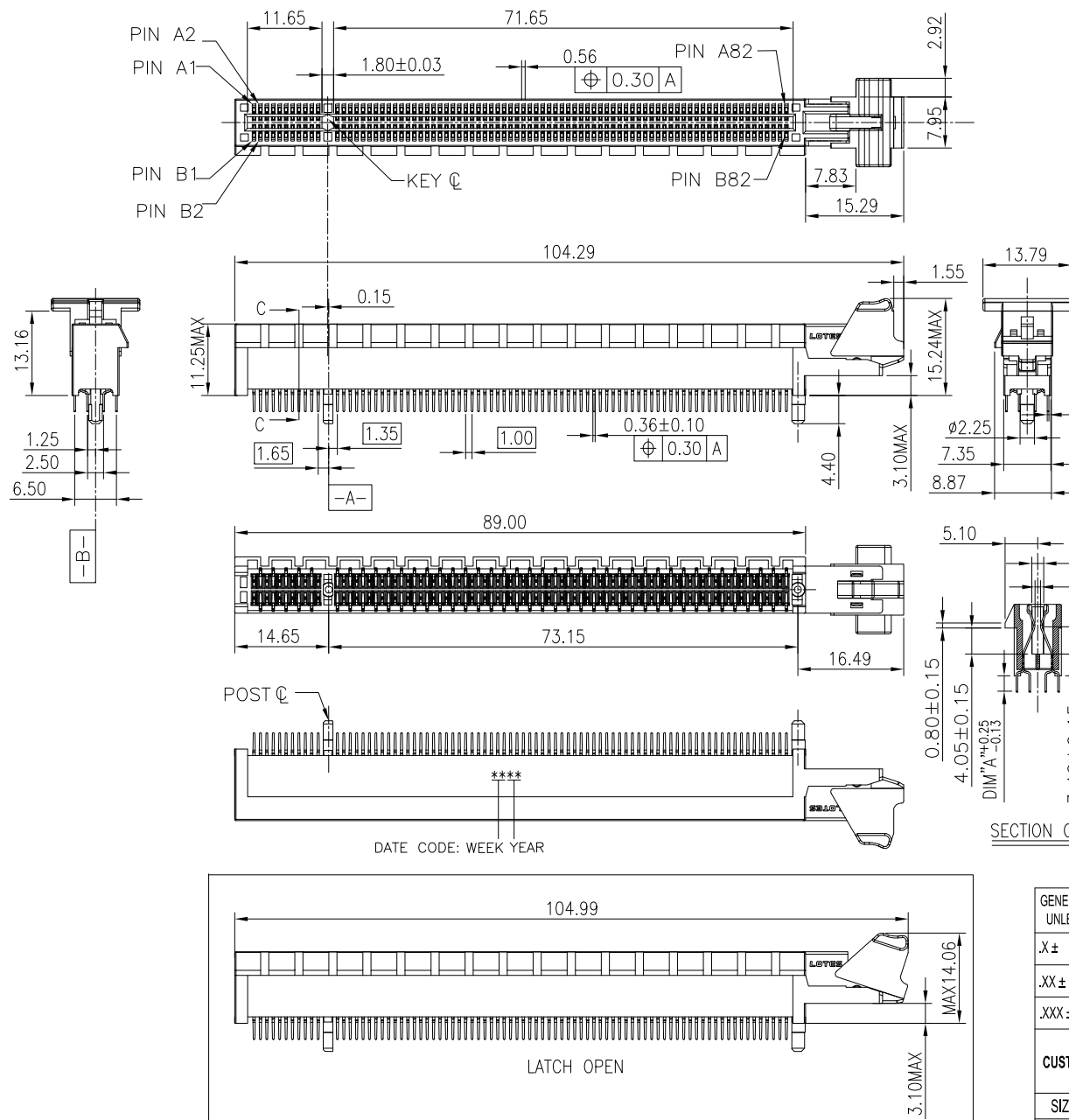
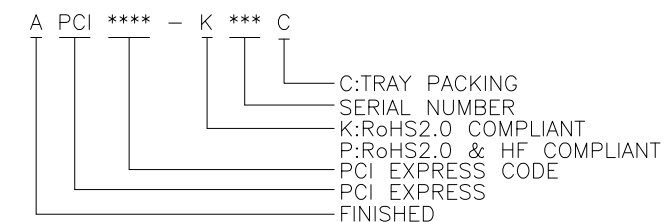
3.MECHANICAL SPEC:
DURABILITY: 50 CYCLES.
RETENTION FORCE: 0.40 kgf MIN PER PIN.
MATING FORCE: 1.15N MAX PER PAIR.
UNMATING FORCE: 0.15N MIN PER PAIR.

4.ELECTRICAL SPEC:
CURRENT RATING: 1.1A.
CONTACT RESISTANCE: 30 MILLIOHMS MAX. INITIAL.
INSULATION RESISTANCE: 1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 500V AC MIN.

5.WAVE SOLDERING:
THE CONNECTOR SHALL BE MOUNTED ON THE PCB,
THE TEMPERATURE OF THE SOLDER SHALL BE
260±5°C AND IMMERSION DURATION 10±2 SECONDS.

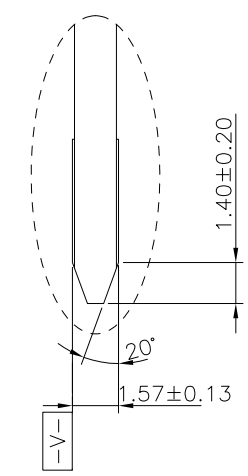
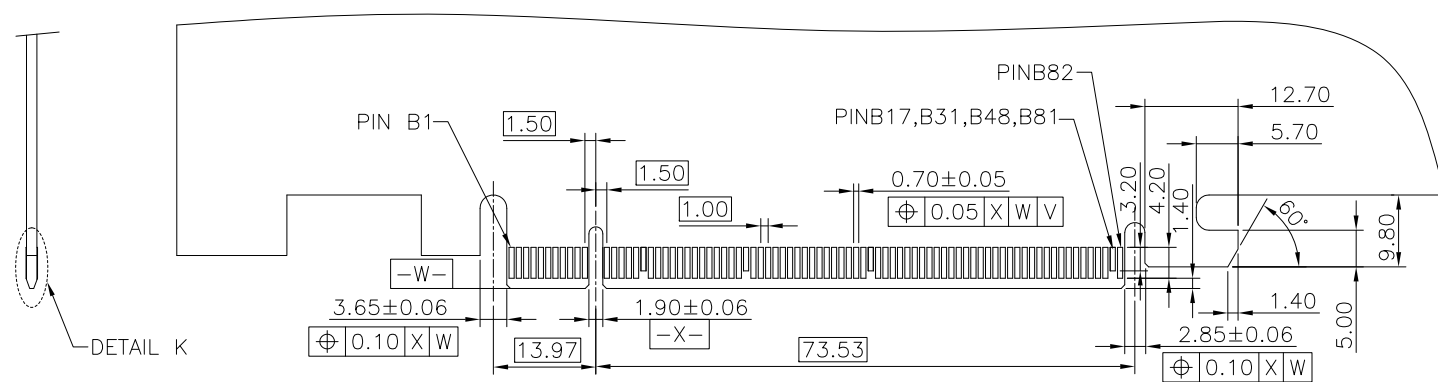
6.RoHS2.0 COMPLIANT OR RoHS2.0 & HF COMPLIANT.

7.PRODUCT NUMBER NOTE:

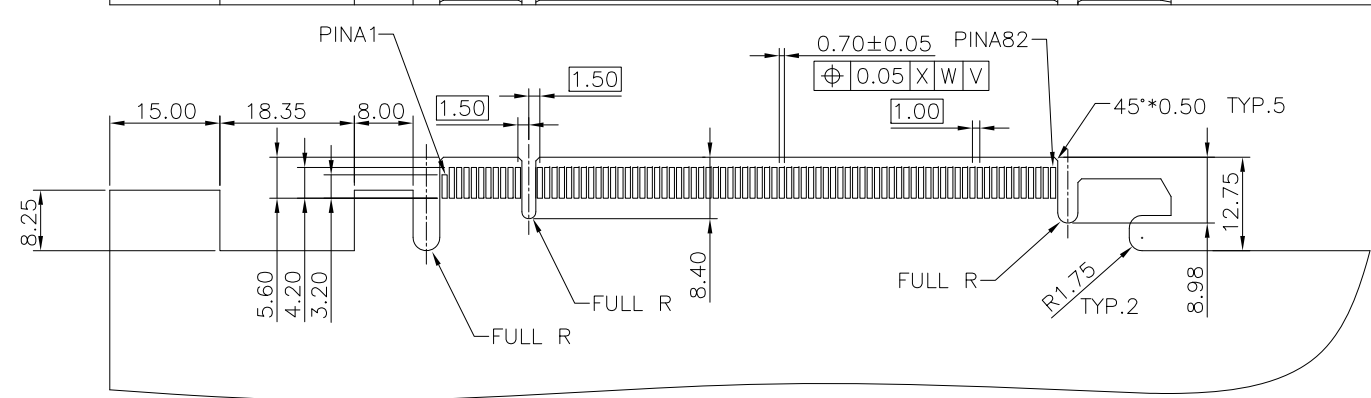


GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	LOTES		
X± 0.35	X°± 3°	SEE TABLE			
.XX± 0.25	.X°± 2°	APPROVED BY Bill 01/19'17	DWG NO. GAP-APCI0056		
.XXX± 0.15	.XX°± 1°	CHECKED BY Zhangbiao 01/19'17			
CUSTOMER DRAWING		DRAWN BY Wuyao 01/19'17			
SIZE A4	UNITS MM[INCH]				

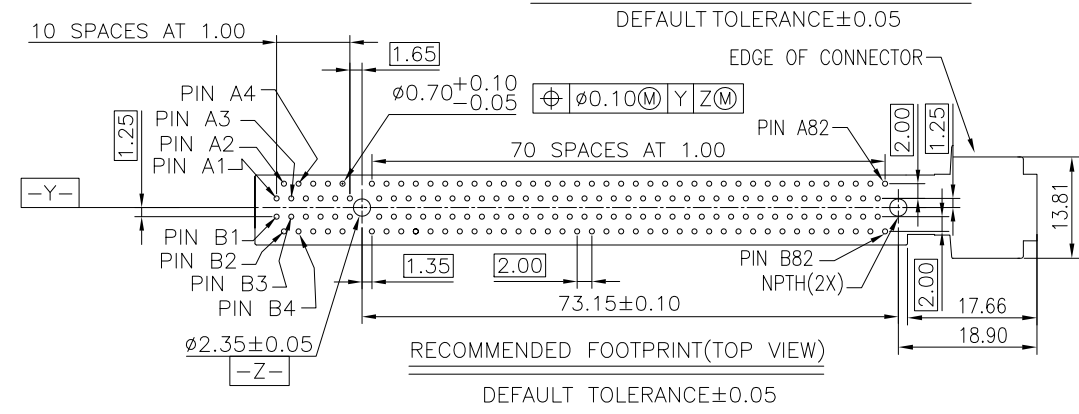
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DETAIL K
SCALE 4:1

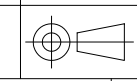


ADD-IN CARD EDGE-FINGER DIMENSIONS
DEFAULT TOLERANCE±0.05



RECOMMENDED FOOTPRINT(TOP VIEW)
DEFAULT TOLERANCE±0.05

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	LOTES		
X± 0.35	X°± 3°	SEE TABLE			
.XX± 0.25	.X°± 2°	APPROVED BY	TITLE 164PIN PCI-E CONNECTOR WITH DOUBLE PUSH LATCH		
.XXX± 0.15	.XX°± 1°	Bill 01/19'17			
CUSTOMER DRAWING		CHECKED BY	DWG NO. GAP-APCI0056		
		Zhangbiao 01/19'17			
SIZE	UNITS	DRAWN BY	SHEET		
A4	MM[INCH]	Wuyao 01/19'17			
			REV		
			B		



SHEET	SCALE	REV
2 / 2	1:1	B

	1	2	3	4	5	6	7	8
F								
E								
D								
C								
B								
A								
	1	2	3	4	5	6	7	8

TABLE

NO.	PART NO.	SPEC			
		HOUSING	LATCH	TERMINAL	DIM"A"
1	APCI0056-K004C	NPA+30%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_15u"	2.54
2	APCI0056-K012C	PA46+40%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_15u"	2.54
3	APCI0056-K013C	NPA+30%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_15u"	2.54
4	APCI0056-K016C	PA46+40%GF_WHITE UL94V-0	PA66+30%GF_WHITE UL94V-0	PHOSPHOR BRONZE C5191_15u"	2.54
5	APCI0056-K014C	PA46+40%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_1u"	2.30
6	APCI0056-K017C	PA46+40%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_30u"	2.54
7	APCI0056-K019C	PA6T+40%GF_BLACK UL94V-0	PA66+30%GF_BLACK UL94V-0	PHOSPHOR BRONZE C5191_G/F	2.30