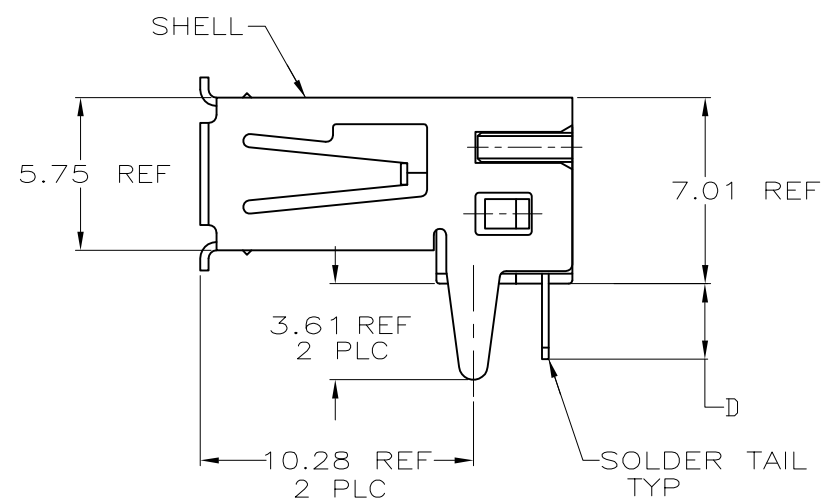




① MATERIAL:
 (E1) SHELL— STAINLESS STEEL.
 CONTACTS— COPPER ALLOY.
 HOUSING: UL 94V-0 RATED, THERMOPLASTIC, COLOR SEE TABLE.

② PLATING:
 CONTACTS: 0.076 μ m MINIMUM GOLD OVER 0.76 μ m MINIMUM
 PALLADIUM—NICKEL ON MATING AREA.
 3.8 μ m MINIMUM MATTE TIN ON SOLDER TAILS.
 BOTH OVER 1.27 μ m MINIMUM NICKEL.
 CONTACT ALTERNATE PLATING: 0.76 μ m MIN GOLD ON MATING
 AREA, 3.80 μ m MIN MATTE TIN ON SOLDER TAILS, BOTH
 OVER 1.27 μ m MIN NICKEL.
 SHELL: 2~5 μ m MINIMUM BRIGHT TIN

③ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

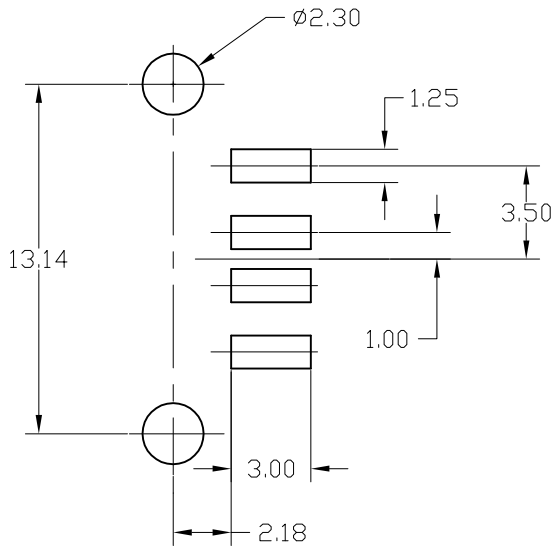
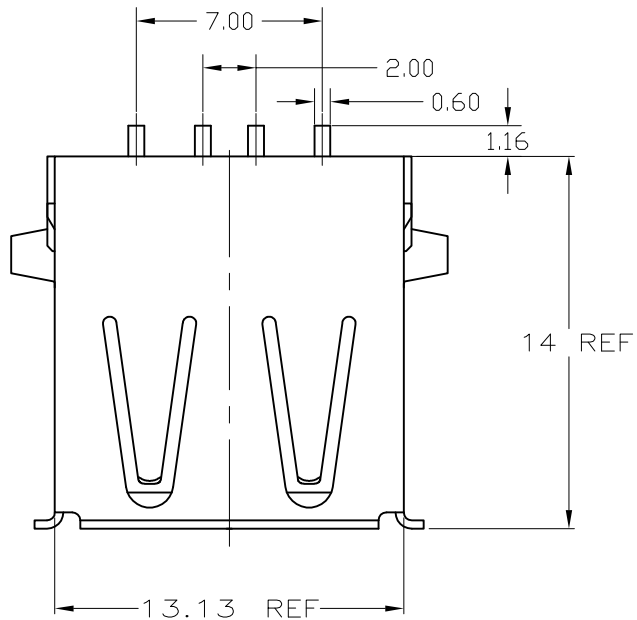
④ RECOMMENDED PC BOARD THICKNESS OF 1.57.

(E9) ⑤ PLATING:
 CONTACTS: 0.76 μ m MINIMUM PALLADIUM—NICKEL ON MATING AREA.
 3.8 μ m MINIMUM MATTE TIN ON SOLDER TAILS.
 BOTH OVER 1.27 μ m MINIMUM NICKEL.
 SHELL: 2~5 μ m MINIMUM BRIGHT TIN

	YES	2.84	BLACK	2-292303-0 (E9)
	YES	2.29	BLACK	1-292303-9 (E8)
	NO	3.81	BLACK	1-292303-5
	NO	3.56	BLACK	1-292303-4
	NO	3.20	BLACK	1-292303-3
	YES	3.30	BLACK	1-292303-2
	YES	2.29	BLACK	292303-6
	YES	2.84	NATURAL	292303-5
	YES	2.84	BLACK	292303-4
	NO	2.84	NATURAL	292303-3
	NO	2.29	BLACK	292303-2
	NO	2.84	BLACK	292303-1
CONTACT PLATING	HIGH TEMPERATURE COMPATIBLE	D	HOUSING COLOR	PART NUMBER

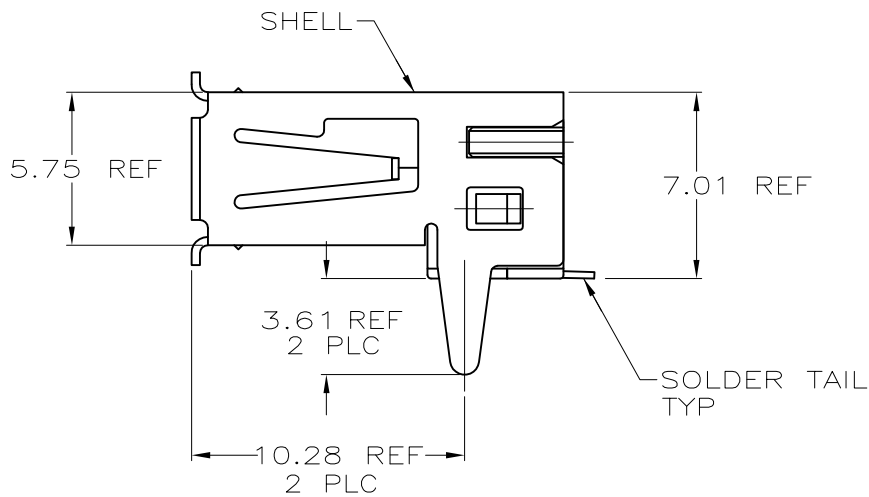
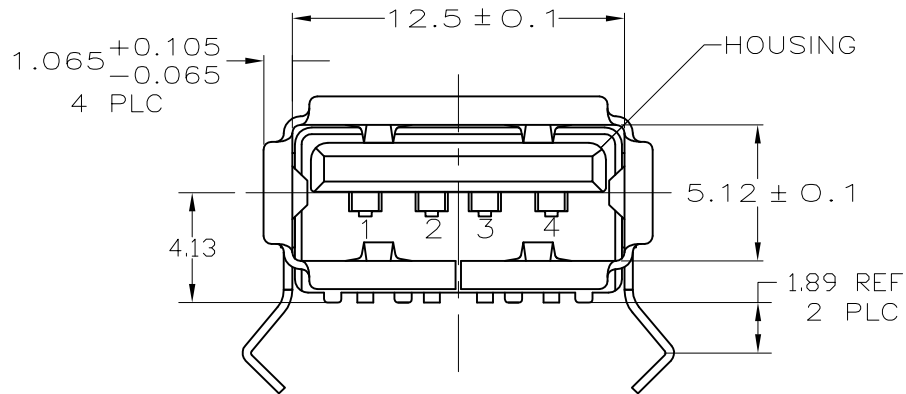
1471-9 (3/11)

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	OWN	APVD
ES	00		—	SEE SHEET 1	—	—	—



RECOMMENDED PC BOARD MOUNTING LAYOUT 
(TOLERANCE=±0.05)

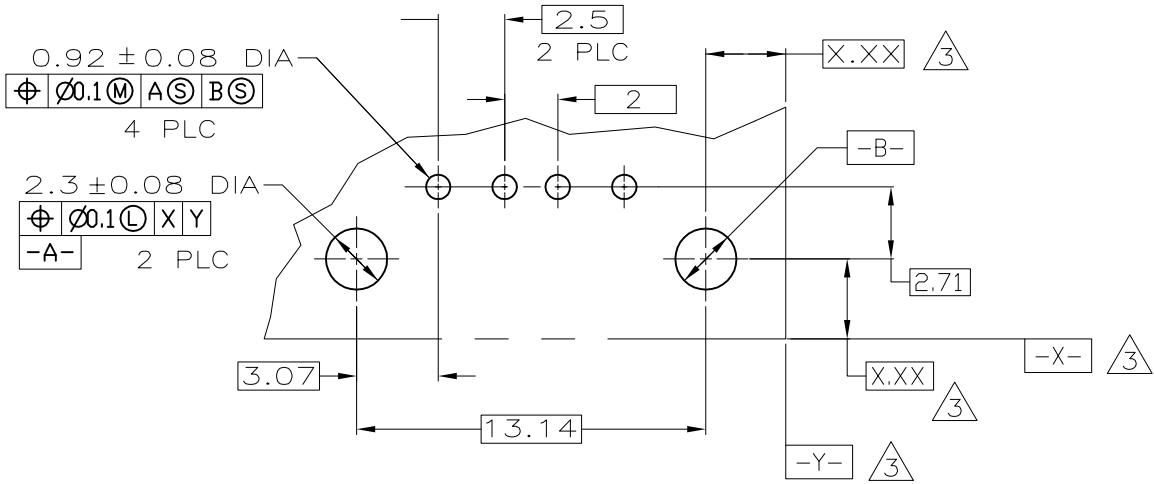
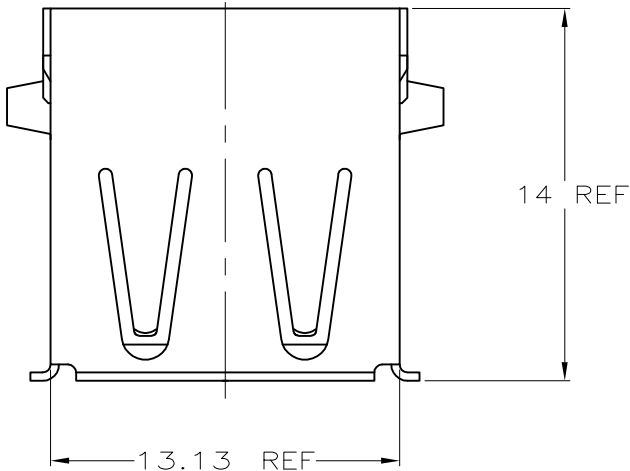
-  MATERIAL:
 SHELL- STAINLESS STEEL
CONTACTS- COPPER ALLOY.
HOUSING: UL 94V-0 RATED, THERMOPLASTIC, COLOR SEE TABLE.
-  PLATING:
CONTACTS: 0.076 μm MINIMUM GOLD OVER 0.76 μm MINIMUM PALLADIUM-NICKEL ON MATING AREA.
3.8 μm MINIMUM MATTE TIN ON SOLDER TAILS.
BOTH OVER 1.27 μm MINIMUM NICKEL.
CONTACT ALTERNATE PLATING: 0.76 μm MIN GOLD ON MATING AREA, 3.80 μm MIN MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 μm MIN NICKEL.
SHELL: 2~5 μm MINIMUM BRIGHT TIN
-  RECOMMENDED PC BOARD THICKNESS OF 1.42.



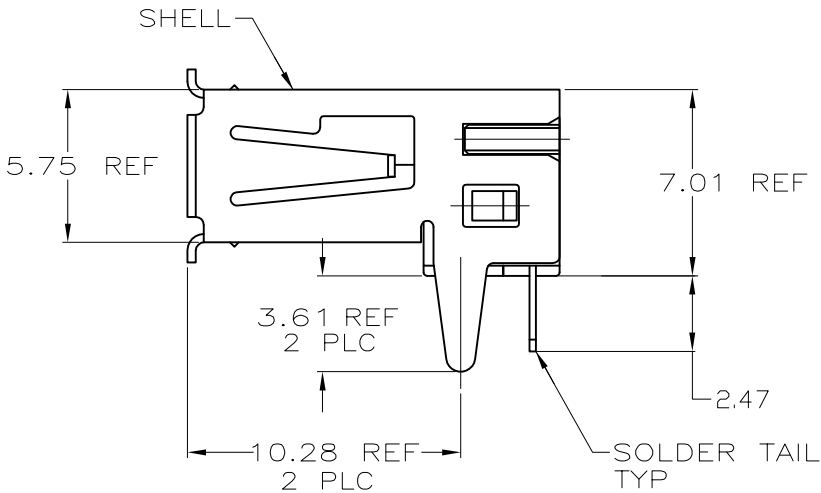
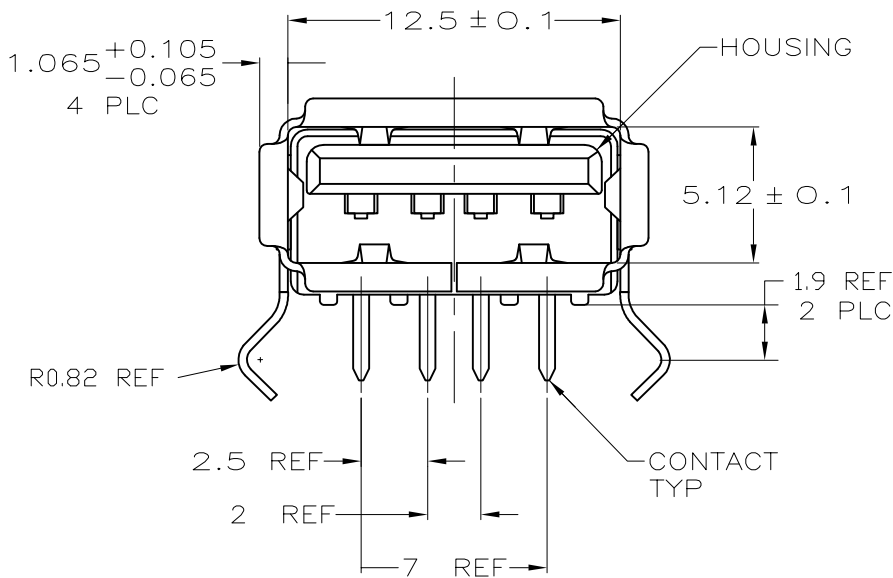
YES	BLACK	3-292303-1 
YES	BLACK	1-292303-1
YES	NATURAL	292303-7
HIGH TEMPERATURE COMPATIBLE	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN J.JIANG 19FEB04	 TE Connectivity			
		CHK S.YAO 19FEB04				
		APVD T.SASAKI 19FEB04	NAME			
		PRODUCT SPEC 108-60034	RECEPTACLE ASSEMBLY RIGHT ANGLE, 4 POSITION, T/H & SMT USB, LEAD FREE VERSION			
		APPLICATION SPEC				
MATERIAL 		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C=292303	RESTRICTED TO -
		FINISH 	CUSTOMER DRAWING		SCALE 5:1	SHEET 2 OF 4
					REV E12	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DMN
ES	00	-	-	SEE SHEET 1	-	-



PC BOARD MOUNTING DIMENSIONS 4



- 1 MATERIAL:
11 SHELL- STAINLESS STEEL.
CONTACTS- COPPER ALLOY.
HOUSING: UL 94V-0 RATED, THERMOPLASTIC, COLOR SEE TABLE.
- 2 PLATING:
CONTACTS: 0.076 μm MINIMUM GOLD OVER 0.76 μm MINIMUM PALLADIUM-NICKEL ON MATING AREA.
3.8 μm MINIMUM MATTE TIN ON SOLDER TAILS.
BOTH OVER 1.27 μm MINIMUM NICKEL.
CONTACT ALTERNATE PLATING: 0.76 μm MIN GOLD ON MATING AREA, 3.80 μm MIN MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 μm MIN NICKEL.
SHELL: 2~5 μm MINIMUM BRIGHT TIN
- 3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4 RECOMMENDED PC BOARD THICKNESS OF 1.2.

NO	NATURAL	292303-8
HIGH TEMPERATURE COMPATIBLE	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN J.JIANG 19FEB04	TE Connectivity		
		CHK S.YAO 19FEB04			
		APVD T.SASAKI 19FEB04	NAME RECEPTACLE ASSEMBLY RIGHT ANGLE, 4 POSITION, T/H & SMT USB, LEAD FREE VERSION		
		PRODUCT SPEC 108-60034			
		APPLICATION SPEC			
MATERIAL		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C=292303
		CUSTOMER DRAWING	SCALE 5:1	SHEET 3 OF 4	REV E12

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

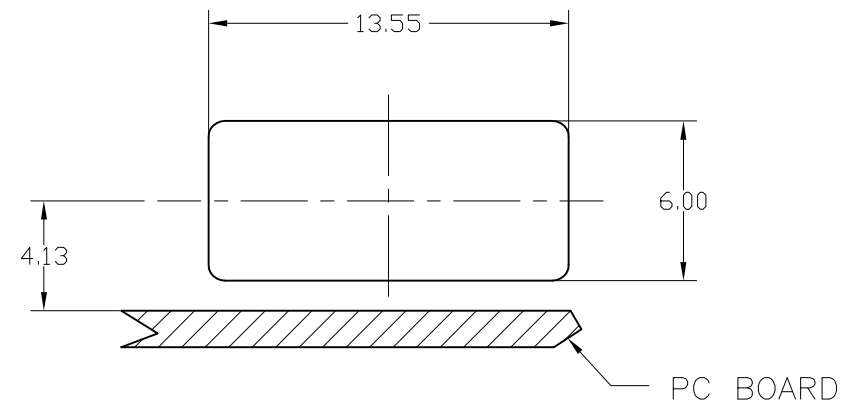
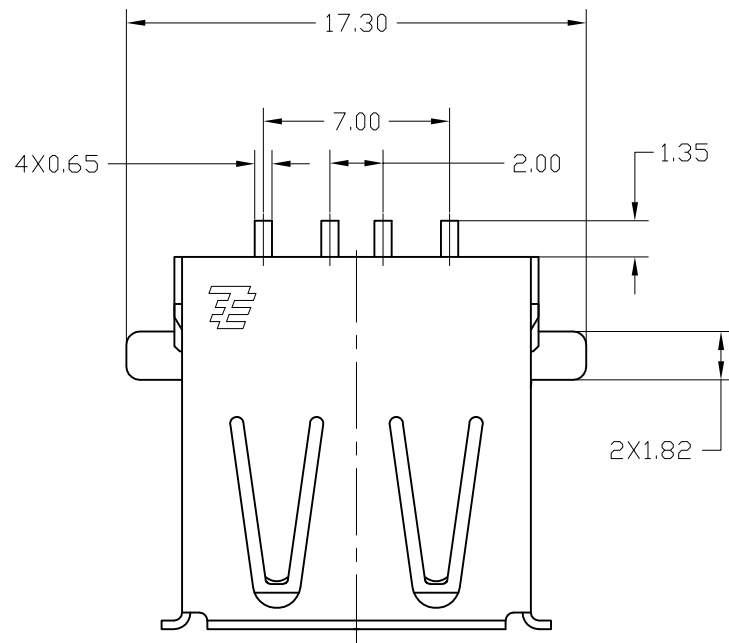
RELEASED FOR PUBLICATION

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LOC
ESDIST
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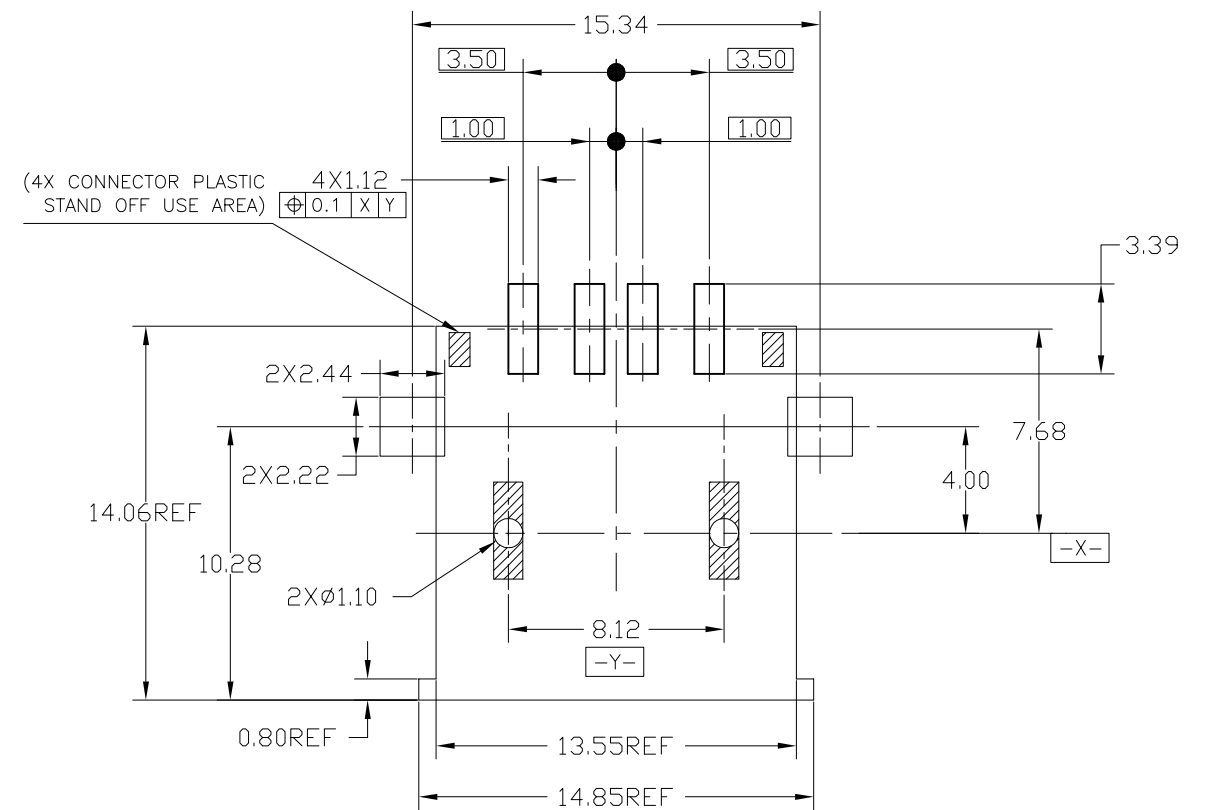
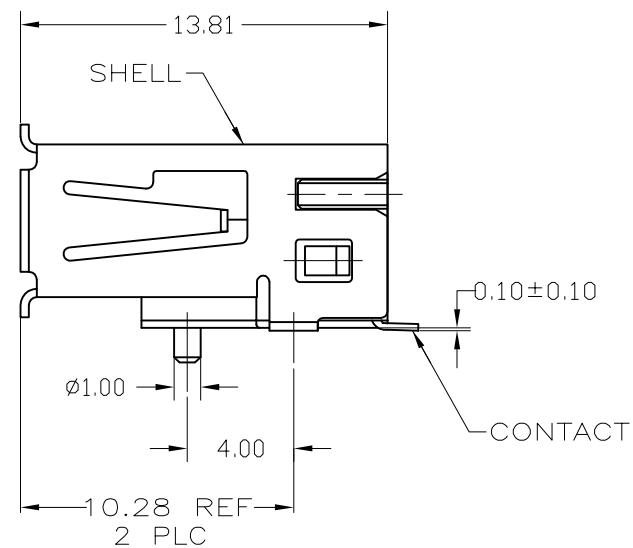
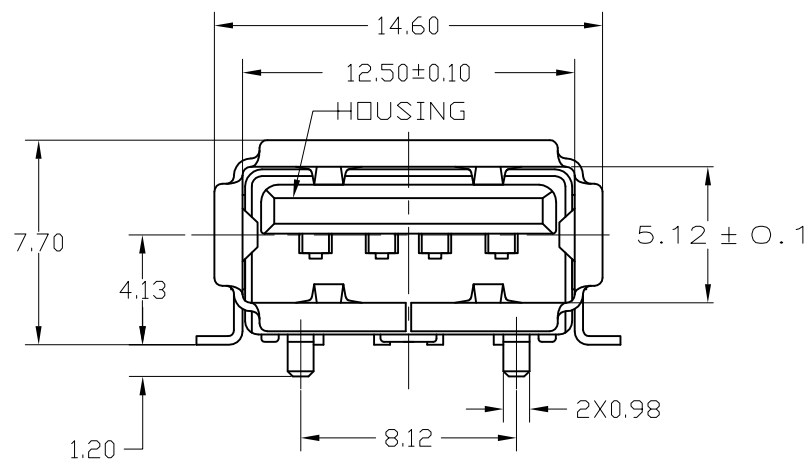
REVISIONS

P	LTR	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED MOUNTING PANEL CUTOUT

- ⚠ MATERIAL:
① SHELL— STAINLESS STEEL.
CONTACTS— COPPER ALLOY.
HOUSING: UL 94V-0 RATED, THERMOPLASTIC, COLOR SEE TABLE.
- ⚠ PLATING:
CONTACTS: 0.076 μm MINIMUM GOLD OVER 0.76 μm MINIMUM PALLADIUM-NICKEL ON MATING AREA.
3.8 μm MINIMUM MATTE TIN ON SOLDER TAILS.
BOTH OVER 1.27 μm MINIMUM NICKEL.
CONTACT ALTERNATE PLATING: 0.76 μm MIN GOLD ON MATING AREA, 3.80 μm MIN MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 μm MIN NICKEL.
SHELL: 2~5 μm MINIMUM BRIGHT TIN
- ⚠ PANEL IS NEEDED FOR CUSTOMER.
- ⚠ THIS P/N IS PRELIMINARY.



RECOMMENDED PC BOARD MOUNTING LAYOUT (TOLERANCE=±0.05)

YES	BLACK	1-292303-6 ⚠
YES	NATURAL	292303-9
HIGH TEMPERATURE COMPATIBLE	HOUSING COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN J.JIANG 19FEB04	TE Connectivity	
DIMENSIONS: mm		CHK S.YAO 19FEB04		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD T.SASAKI 19FEB04	NAME	
0 PLC ± -		PRODUCT SPEC	RECEPTACLE ASSEMBLY RIGHT ANGLE, 4 POSITION, T/H & SMT USB, LEAD FREE VERSION	
1 PLC ± -		108-60034		
2 PLC ± 0.25		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
3 PLC ± -		WEIGHT -	A2 00779 C=292303	
4 PLC ± -		CUSTOMER DRAWING	RESTRICTED TO -	
ANGLES ± -		SCALE 5:1	SHEET 4 OF 4	
FINISH ⚠		REV E12		