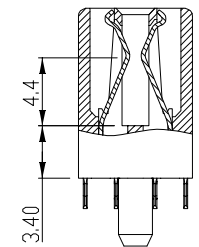
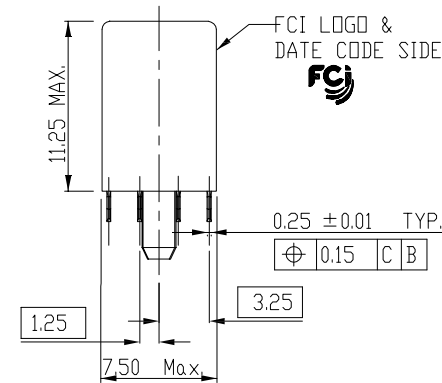
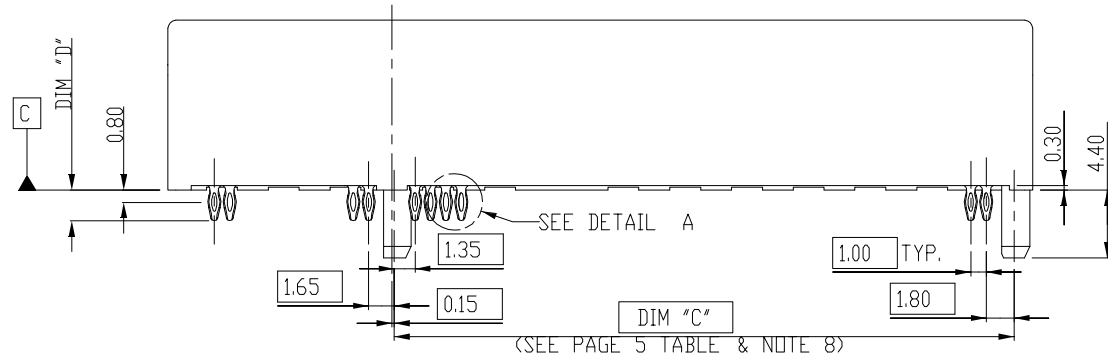
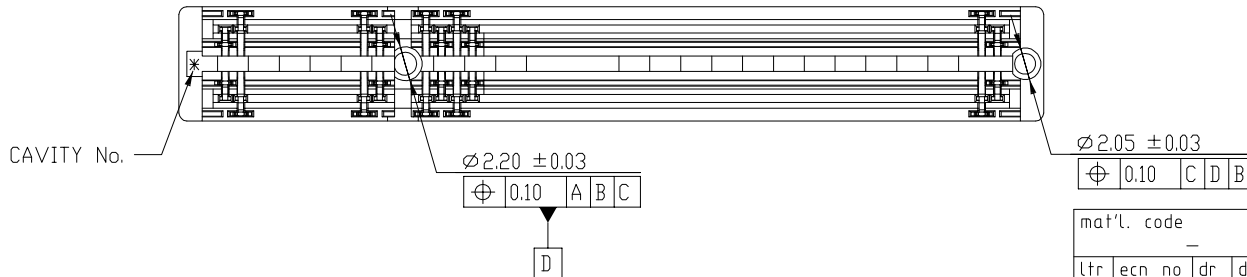


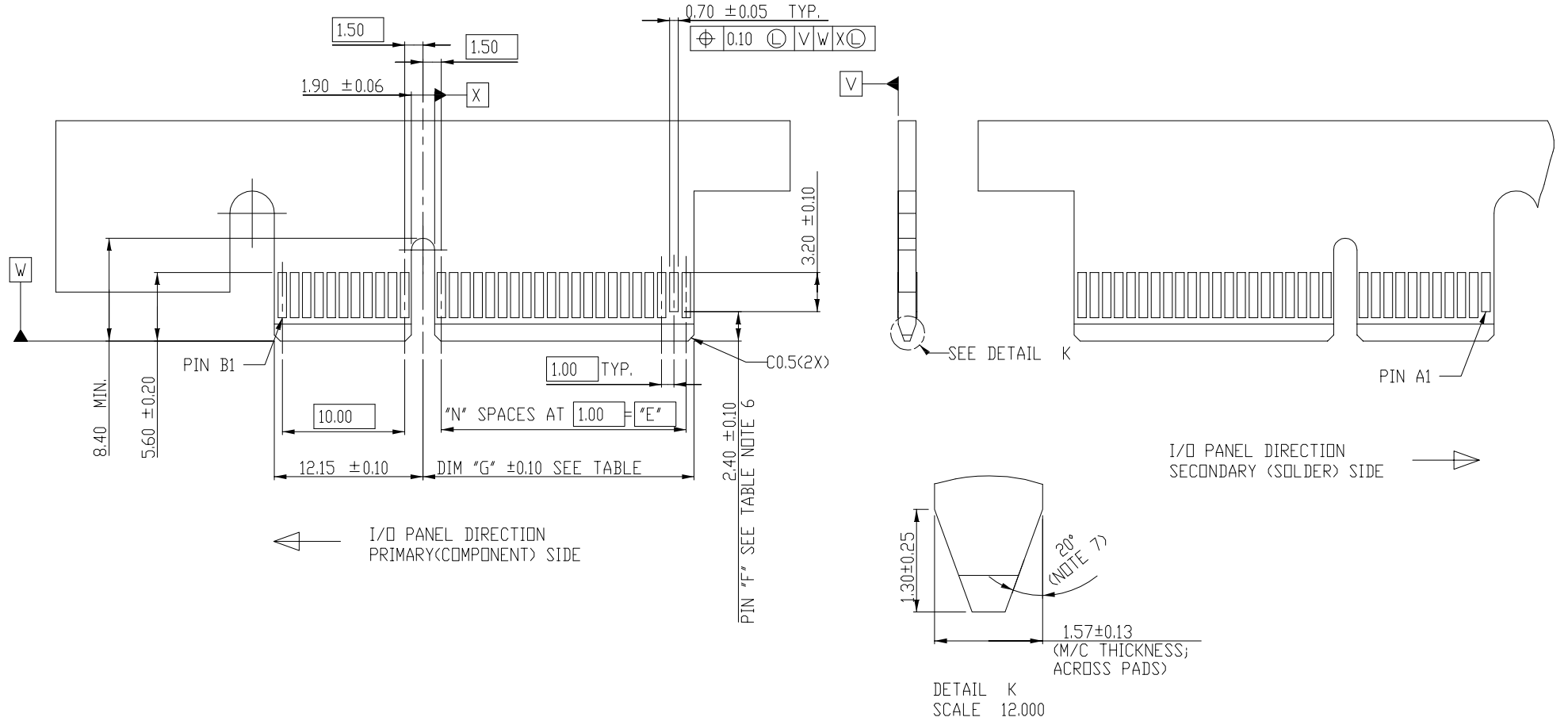
DETAIL A  
SCALE 8.000



SECTION A-A  
SCALE 2.000

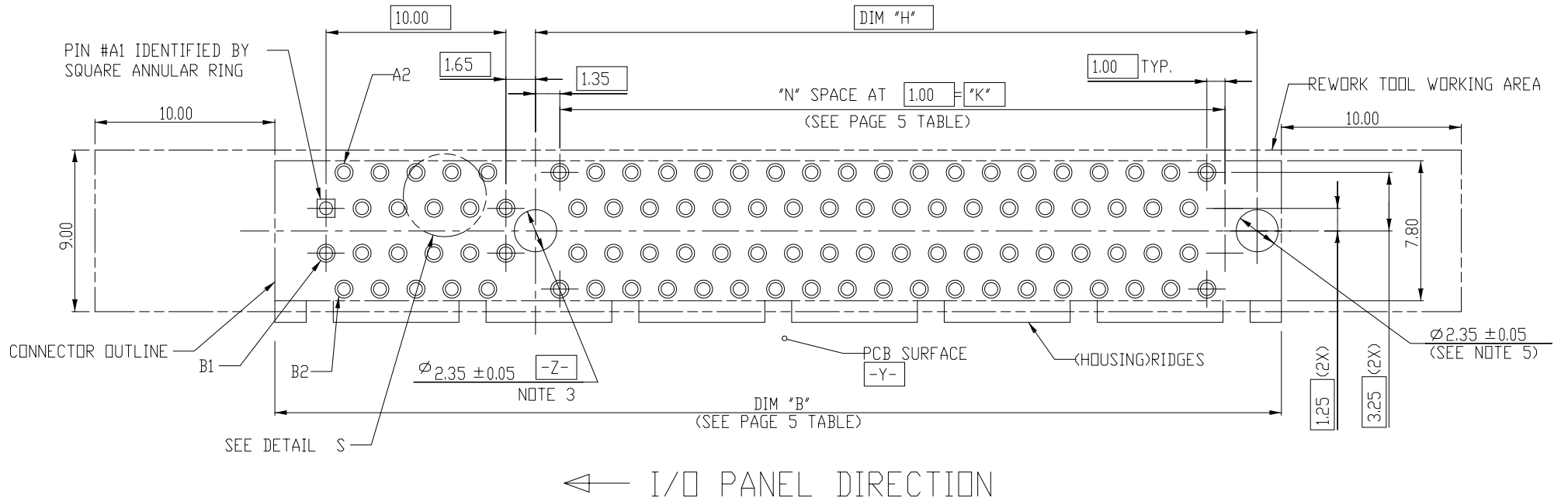


mat'l. code		surface		tolerance		projection		product family	
-		-		ASME_Y14.5		MM		PCI_EXPRESS	
ltr		ecn no		dr		date		title	
A		T09-1074		RC		05/19/2009		PCI_EXPRESS_CARD_EDGE_GEN3	
B		T09-1112		RC		09/02/2009		PREES_FIT_ASS'Y	
C		T09-1159		RC		12/16/2009		scale N/A	
D		DG-008068		HT		11/22/2011		dwg no	
E		ELX-DG-2161-1		ST		05/27/15		sheet 1 of 6 size	
F		ELX-DG-22909		LZH		12/30/2015		10082378 A4	
sheet		revision		F				type	
index		sheet		6				CUSTOMER Drawing	



POS. REF.	N	DIM "G"	"F"
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

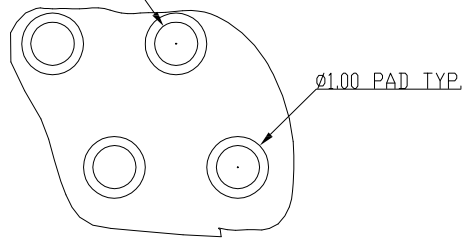
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								PCI_EXPRESS_CARD_EDGE_GEN3 PREES_FIT_ASS'Y	
								dwg no	
								sheet 2 of 6 size	
								10082378 A4	
								type	
								CUSTOMER Drawing	
sheet index		revision		F					
6									



### RECOMMENDED FOOTPRINT

PDS. REF.	N	DIM "H"	DIM "K"
36	6	9.15	6.00
64	20	23.15	20.00
98	37	40.15	37.00
164	70	73.15	70.00

$\phi 0.70 \pm 0.08$  TYP.  
 $\phi 0.10$  (M) (Y) (Z) (M)  
 (SEE NOTE 9 FOR PLATING DETAIL)



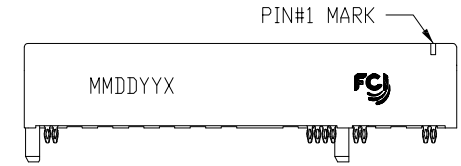
DETAIL S  
 SCALE 8.000

mat'l. code		surface		tolerance		projection		product family	
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ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3	
								PREES_FIT_ASS'Y	
								dwg no	
								sheet 3 of 6 size	
								10082378	
								A4	
								type	
								CUSTOMER Drawing	
sheet index		revision sheet		F					
6		6							

NOTES:

1. MATERIAL:
  - HOUSING: HIGH PERFORMANCE RESIN, GLASS FILLED UL94V-0 RATED
  - TERMINAL: COPPER ALLOY
  - PLATING: 50u" NICKEL UNDERPLATE ALL OVER TERMINAL
  - CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
  - CONTACT TAIL: TIN OR Sn/Pb - 100u" MIN. OVER 50u" NICKEL
2. P/N SEE TABLE AND PRODUCT NUMBER CODE : DESH-XXXXTLF FOR TRAY PACKAGING.
3. PACKAGING SPECIFICATION: GS-14-974
4. PRODUCT SPECIFICATION : GS-12-584
5. THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO Ø2.35 HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z.
6. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".
7. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
8. DIMENSION APPLIES AT CENTER OF PLASTIC PEGS, DIMENSION SHOWN IS TO CENTER LINE OF PEGS.
9. ALL PTH SHOULD BE 0.70~0.82 mm DIA DRILLED AND 0.025 mm MIN. ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.
10. PRODUCT RoHS DEFINITIONS:
  - a-IF TERMINAL PLATING OPTION IS "0,1 OR 2" WHICH MEANS PRODUCT IS 'ROHS COMPATIBLE'. THERE WILL BE "LF" SUFFIX IN THE END.
  - b-IF TERMINAL PLATING OPTION IS "3,4 OR 5" WHICH MEANS PRODUCT IS 'ROHS COMPLIANT'. THERE WILL BE NO "LF" SUFFIX IN THE END.
  - c-"LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um MINIMUM NICKEL UNDERPLATE.
11. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.

10082378 - X X X X X X X X



DATE CODE:  
MMDDYY:MONTH/DAY/YEAR  
X: "K" - GEN.2 MARK

- HOUSING COLOR OPTION:
- 1: BLACK
  - 2: NATURAL
  - 0: NON-RIDGE TYPE
  - 1: RIDGE TYPE
- (SEE SIDE VIEW OF THIS PAGE)

- LEAD FREE OPTION
- "LF": LEAD-FREE (FOR TERMINAL PLATING OPTION 0,1,2)
  - "□□": NOT LEAD-FREE (FOR TERMINAL PLATING OPTION 3,4,5)

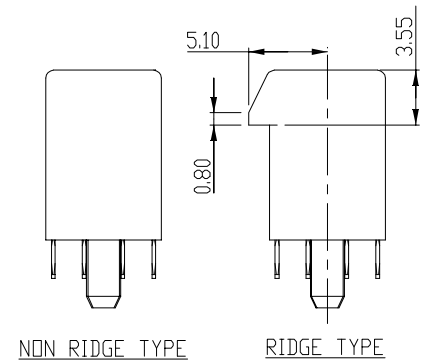
- PACKAGING OPTIONS
- T-TRAY PACKAGING

- PDS OPTIONS
- 0-36
  - 1-64
  - 2-98
  - 3-164

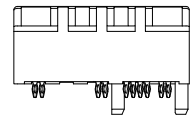
- TERMINAL PLATING OPTIONS
- 0-50u" Ni UNDERPLATE
  - 30u" Au CONTACT AREA
  - 100u" TIN TAIL AREA -----RoHS COMPATIBALE
  - 1-50u" Ni UNDERPLATE
  - 15u" Au CONTACT AREA
  - 100u" TIN TAIL AREA -----RoHS COMPATIBALE
  - 2-50u" Ni UNDERPLATE
  - GOLD FLASH CONTACT AREA
  - 100u" TIN TAIL AREA -----RoHS COMPATIBALE
  - 3-50u" Ni UNDERPLATE
  - 30u" Au CONTACT AREA
  - 36u"-102u" TIN TAIL AREA -----RoHS COMPATIBALE

TAIL LENGTH OPTIONS

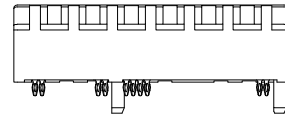
	DIM "D"	PCB THICKNESS
0	2.00±0.20	2.36
1	3.25±0.20	4.19



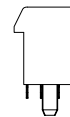
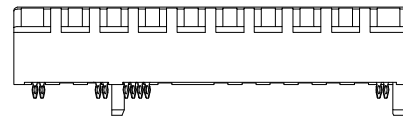
mat'l. code		surface		tolerance		projection		product family	
-		-		ASME_Y14.5				PCI_EXPRESS	
ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3	
								PREES_FIT_ASS'Y	
								dwg no	
								sheet 4 of 6 size	
								10082378	
								A4	
								type	
								CUSTOMER Drawing	
sheet index		revision sheet		F					
				6					



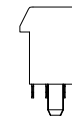
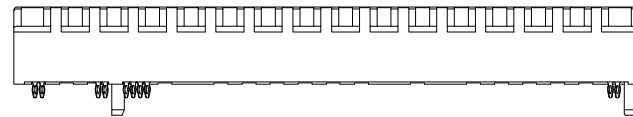
36 PIN RIDGE TYPE FRONT VIEW



64 PIN RIDGE TYPE FRONT VIEW



98 PIN RIDGE TYPE FRONT VIEW



164 PIN RIDGE TYPE FRONT VIEW

A

A

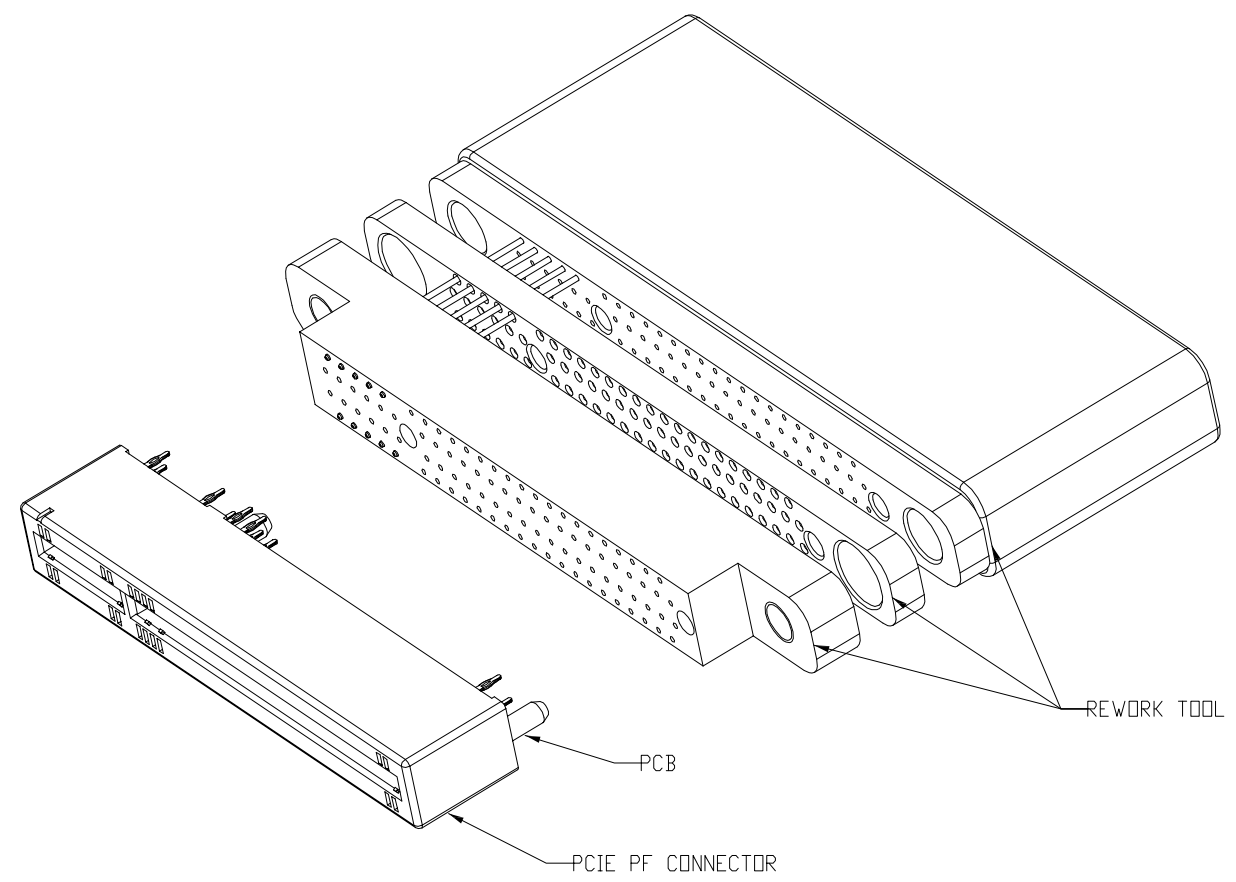
B

B

mat'l. code		surface		tolerance		projection		product family	
-		-		ASME_Y14.5				PCI_EXPRESS	
ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3 PREES_FIT_ASS'Y	
				angles		MM		dwg no	
				±2°		scale N/A		sheet 5 of 6	
				dr		ZHENHUA_LIU 2015-11-13		size	
				enr		ZHENHUA_LIU 2015-11-13		A4	
				chr		STONE_LI 2015-11-13		10082378	
				app		PM_ZHENG 2015-11-13		type	
								CUSTOMER Drawing	
sheet index		revision sheet		F					
		6							

5

B



CONNECTOR REWORK TOOL & ILLUSTRATION  
(SEE APPLICATION SPECIFICATION GS-20-117  
FOR DETAILS)

PRODUCT DIMENSION TABLE FOR EACH TYPES

CONNECTOR	# PDS REF.	N	DIM *A*	DIM *B*	DIM *C*	DIM *E*
1 PORT	36	6	7.65	25.00	9.15	6.00
4 PORT	64	20	21.65	39.00	23.15	20.00
8 PORT	98	37	38.65	56.00	40.15	37.00
16 PORT	164	70	71.65	89.00	73.15	70.00

mat'l. code		surface		tolerance		projection		product family	
-		-		ASME_Y14.5				PCI_EXPRESS	
ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3 PREES_FIT_ASS'Y	
				angles				dwg no	
				±2°		scale N/A		sheet 6 of 6 size	
				dr		ZHENHUA_LIU		10082378	
				engr		ZHENHUA_LIU		A4	
				chr		STONE_LI		type	
				appd		PM_ZHENG		CUSTOMER Drawing	
sheet index		revision		F					
6									