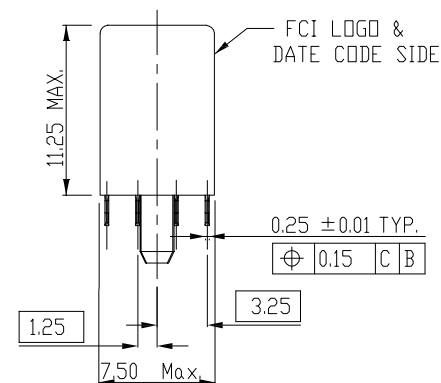
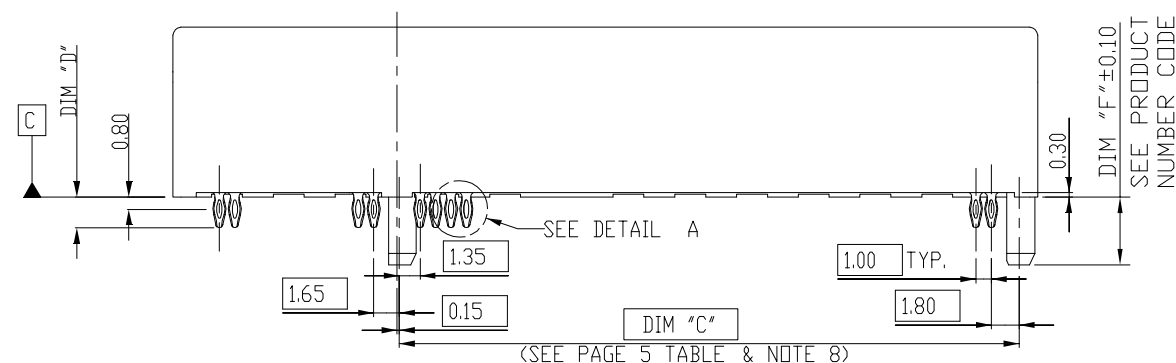
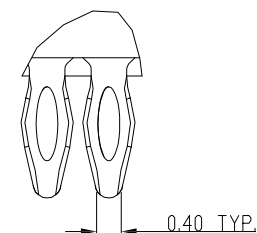
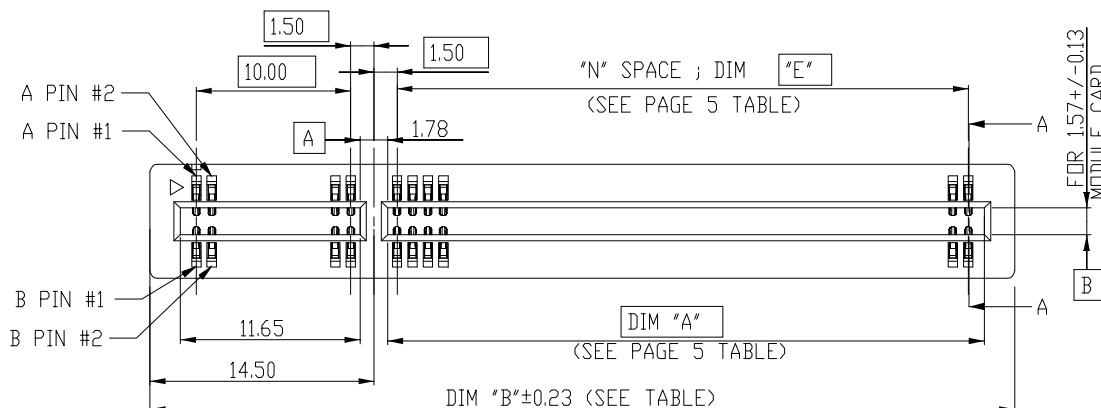
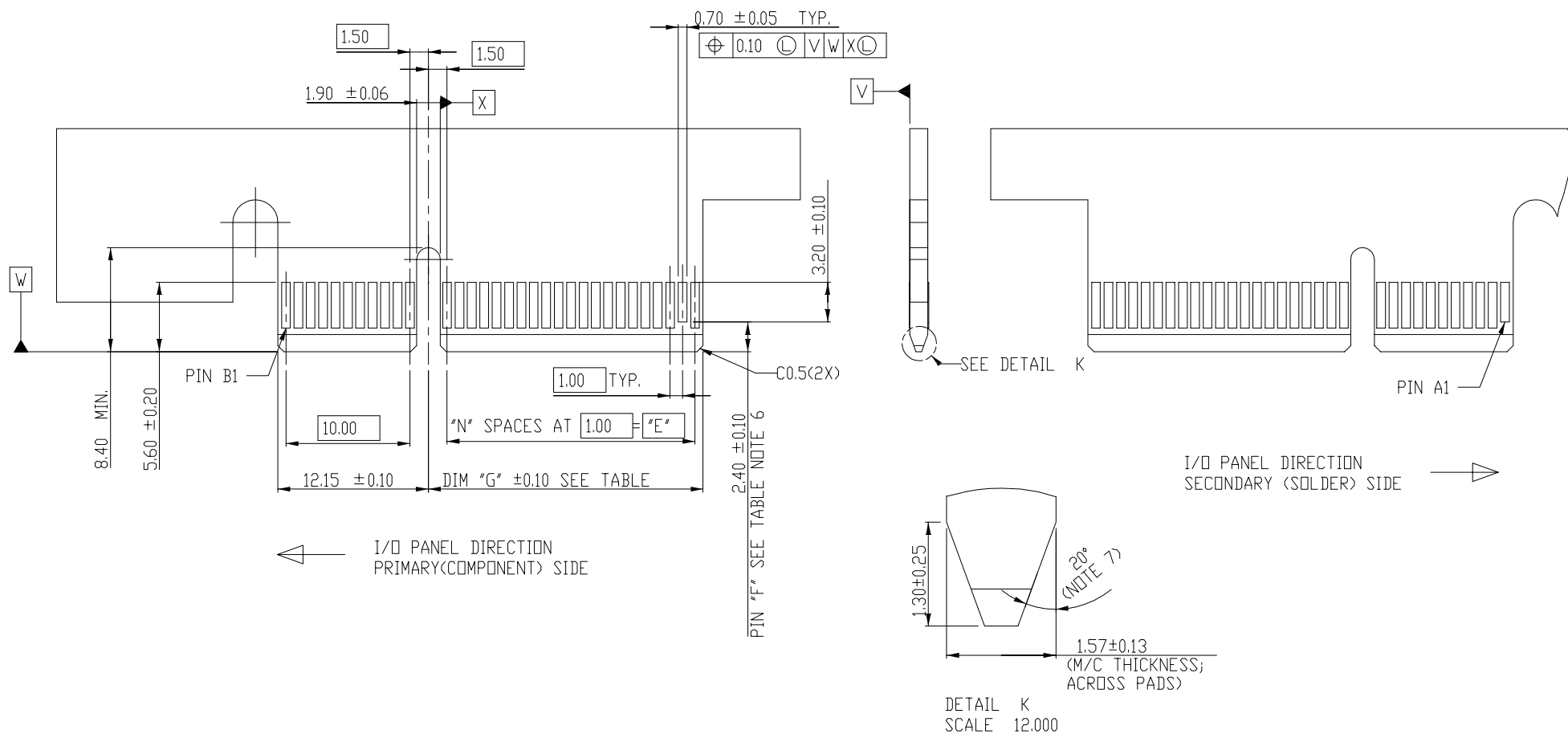


PRODUCT DIMENSION TABLE FOR EACH TYPES

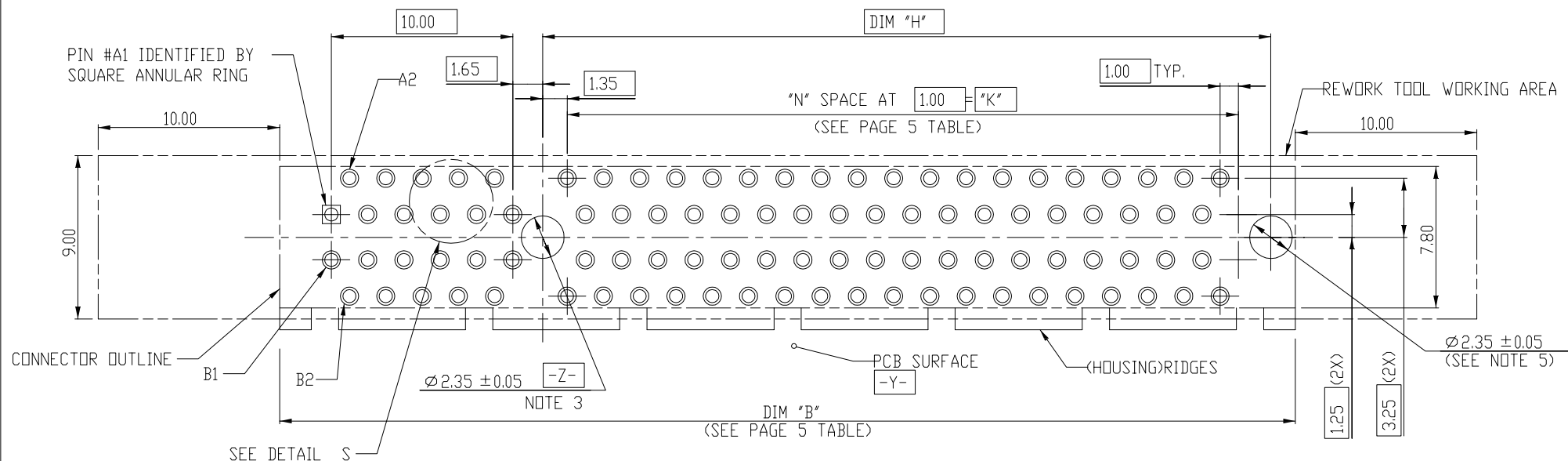
CONNECTOR	# POS REF.	N	DIM "A"	DIM "B"	DIM "C"	DIM "E"
1 PORT	36	6	7.65	25.00	9.15	6.00
4 PORT	64	20	21.65	39.00	23.15	20.00
8 PORT	98	37	38.65	56.00	40.15	37.00
16 PORT	164	70	71.65	89.00	73.15	70.00

mat'l. code	-	surface	✓	tolerance	ASME_Y14.5	projection	product family	PCI_EXPRESS
lfr	ecn no	dr	date	tolerances unless otherwise specified		MM	title	PCI_EXPRESS_CARD_EDGE_GEN3
C	T09-1159	RC	12/16/2009	angles	0.2 ± 0.30			PREES_FIT_ASS'Y
D	DG-008068	HT	11/22/2011	± 2'	0.00 ± 0.20	scale N/A	dwg no	10082378
E	ELX-DG-21161-1	ST	05/27/15		0.000 ± 0.10		sheet 1 of 6	size
F	ELX-DG-22909	LZH	12/30/2015	dr	ZHENHUA_LIU	2015-11-13		
G	ELX-DG-24598	LZH	07/22/2016	engr	ZHENHUA_LIU	2015-11-13		
H	ELX-DG-25223	LZH	10/26/2016	chr	STONE_LI	2015-11-13		
				appd	PM_ZHENG	2015-11-13		
sheet index	revision	H					type	CUSTOMER Drawing



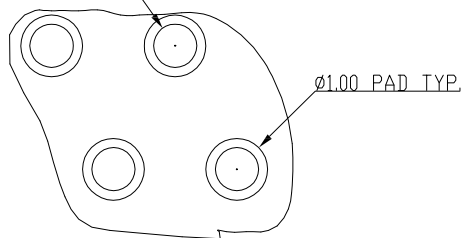
POS. REF.	N	DIM "G"	"F"
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

mat'l. code				surface	tolerance	projection	product family		
-				-	ASME_Y14.5	MM	PCI_EXPRESS		
lfr				tolerances unless otherwise specified			title		
ecn no				angles	.0 ± 0.25	MM	PCI_EXPRESS_CARD_EDGE_GEN3		
dr				± 2'	.00 ± 0.13	scale N/A	PREES_FIT_ASS'Y		
dr				ZHENHUA_LIU	2015-11-13	Amphenol FCI	dwg no		sheet 2 of 6
enfr				ZHENHUA_LIU	2015-11-13		10082378		A4
chr				STONE_LI	2015-11-13		type		CUSTOMER Drawing
appd				PM_ZHENG	2015-11-13				
sheet index	revision	H							
	sheet								



RECOMMENDED FOOTPRINT

Ø0.70±0.08 TYP.
Ø0.10 (M) Y Z (M)
(SEE NOTE 9 FOR
PLATING DETAIL)



DETAIL S
SCALE 8.000

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

mat'l. code				surface	tolerance	projection	product family		
-				-	ASME_Y14.5	⊕	PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title		
				angles	.0±.0.25		PCI_EXPRESS_CARD_EDGE_GEN3		
				±2'	.00±.0.13		PREES_FIT_ASS'Y		
					.000±.0.10	scale N/A	dwg no		
				dr	ZHENHUA_LIU	2015-11-13	sheet 3 of 6		
				enfr	ZHENHUA_LIU	2015-11-13	size		
				chr	STONE_LI	2015-11-13	10082378		
				appd	PM_ZHENG	2015-11-13	type		
sheet index				revision	H		CUSTOMER Drawing		
				sheet					

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-XXXXXTLF FOR TRAY PACKAGING.

3. PACKAGING SPECIFICATION: GS-14-974

4. PRODUCT SPECIFICATION : GS-12-584

- △ 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.

- △ NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".

- △ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

- △ DIMENSION APPLIES AT CENTER OF PLASTIC PEGS, DIMENSION SHOWN IS TO CENTER LINE OF PEGS.

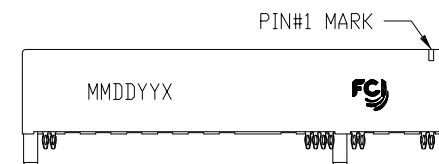
- △ ALL PTH SHOULD BE 0.70~0.82 mm DIA DRILLED AND 0.025 mm MIN. ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

10. PRODUCT ROHS DEFINITIONS:

a-IF TERMINAL PLATING OPTION IS "0,1,2 OR 3" WHICH MEANS PRODUCT IS 'ROHS COMPATIBLE'. THERE WILL BE "LF" SUFFIX IN THE END.

b-"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.



DATE CODE:

MMDYY:MONTH/DAY/YEAR

X: "K" - GEN.2 MARK

10082378 - X X X X X X X X

HOUSING COLOR OPTION:

- 1: BLACK
2: NATURAL

0: NON-RIDGE TYPE FOR DIM "F"= 4.40

- △ 1: RIDGE TYPE FOR DIM "F"= 4.40
2: NON-RIDGE TYPE FOR DIM "F"= 2.00
3: RIDGE TYPE FOR DIM "F"= 2.00
(SEE SIDE VIEW OF THIS PAGE)

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

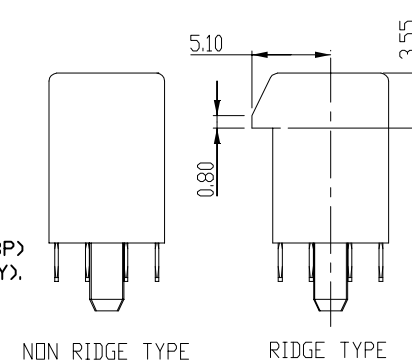
LEAD FREE OPTION
"LF": LEAD-FREE

PACKAGING OPTIONS
T-TRAY PACKAGING
R-TAPE & REEL PACKAGING WITHOUT MYLAR (FOR 36, 64, 98P)
S-ANTI-STATIC TRAY PACKAGING(FOR 64P,98P AND 164P ONLY).

POS. OPTIONS
0-36
1-64
2-98
3-164

TAIL LENGTH OPTIONS

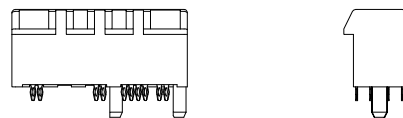
	DIM "D"	PCB THICKNESS
0	2.00±0.20	2.36
1	3.25±0.20	4.19



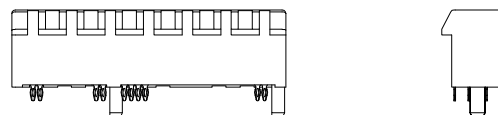
NON RIDGE TYPE

RIDGE TYPE

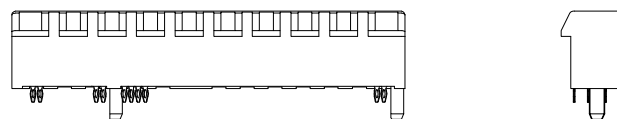
mat'l. code	-	surface	✓	tolerance	ASME_Y14.5	projection	product family	PCI_EXPRESS
lfr	ecn no	dr	date	tolerances unless otherwise specified		MM	title	PCI_EXPRESS_CARD_EDGE_GEN3
				angles	linear	scale N/A		PREES_FIT_ASS'Y
				±2'	.00±0.20			
					.000±0.10			
				dr	ZHENHUA_LIU	2015-11-13	dwg no	sheet 4 of 6 size
				engr	ZHENHUA_LIU	2015-11-13	10082378	A4
				chr	STONE_LI	2015-11-13		
				appd	PM_ZHENG	2015-11-13	type	CUSTOMER Drawing
sheet index	revision sheet	H						



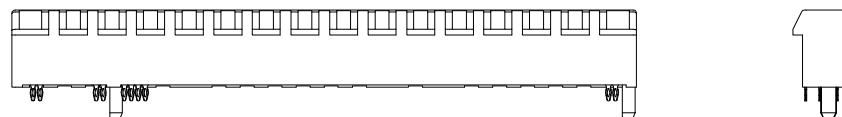
36 PIN RIDGE TYPE FRONT VIEW



64 PIN RIDGE TYPE FRONT VIEW

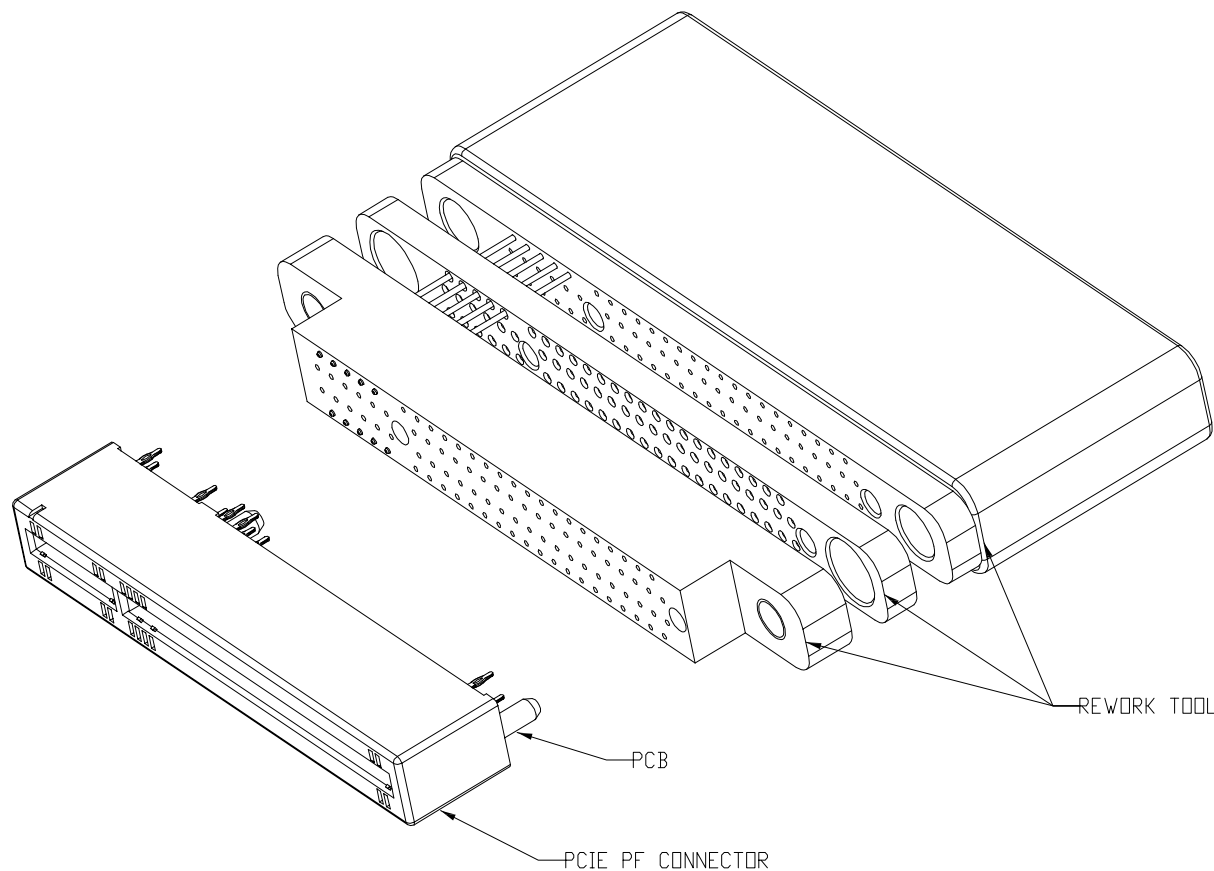


98 PIN RIDGE TYPE FRONT VIEW



164 PIN RIDGE TYPE FRONT VIEW

mat'l. code				surface	tolerance	projection	product family			
-				-	ASME_Y14.5		PCI_EXPRESS			
lfr	ecn no	dr	date	tolerances unless otherwise specified			title			
				angles	.0±0.30		PCI_EXPRESS_CARD_EDGE_GEN3			
				±2'	.00±0.20		PREES_FIT_ASS'Y			
					.000±0.10	scale N/A				
				dr	ZHENHUA_LIU	2015-11-13	dwg no		sheet 5 of 6	size
				enfr	ZHENHUA_LIU	2015-11-13	10082378			A4
				chr	STONE_LI	2015-11-13				
				appd	PM_ZHENG	2015-11-13				
sheet	revision	H					type			
index	sheet						CUSTOMER Drawing			



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

mat'l. code				surface	tolerance	projection	product family			
-				-	ASME_Y14.5		PCI_EXPRESS			
lfr	ecn no	dr	date	tolerances unless otherwise specified			title			
				angles	.0±0.30	MM	PCI_EXPRESS_CARD_EDGE_GEN3			
				±2'	.00±0.20	scale N/A	PREES_FIT_ASS'Y			
				dr	ZHENHUA_LIU 2015-11-13		dwg no		sheet 6 of 6	size
				engr	ZHENHUA_LIU 2015-11-13		10082378			A4
				chr	STONE_LI 2015-11-13					
				appd	PM_ZHENG 2015-11-13		type		CUSTOMER Drawing	
sheet index	revision sheet	H								

Mouser Electronics

Authorized Distributor

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FCI / Amphenol:

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[10082378-10101TLF](#) [10082378-10202TLF](#) [10082378-10003TLF](#) [10082378-10000TLF](#) [10082378-11002TLF](#)
[10082378-10201TLF](#) [10082378-11203TLF](#) [10082378-11311T](#) [10082378-10013TLF](#) [10082378-11100TLF](#) [10082378-](#)
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[10213TLF](#) [10082378-11103TLF](#) [10082378-10303T](#) [10082378-11011TLF](#) [10082378-10112TLF](#) [10082378-11000TLF](#)
[10082378-10010TLF](#) [10082378-11102TLF](#) [10082378-10103TLF](#) [10082378-10113TLF](#) [10082378-20003TLF](#)
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[10082378-10003SLF](#) [10082378-13202SLF](#)