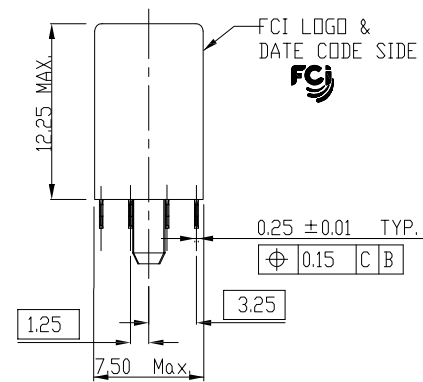
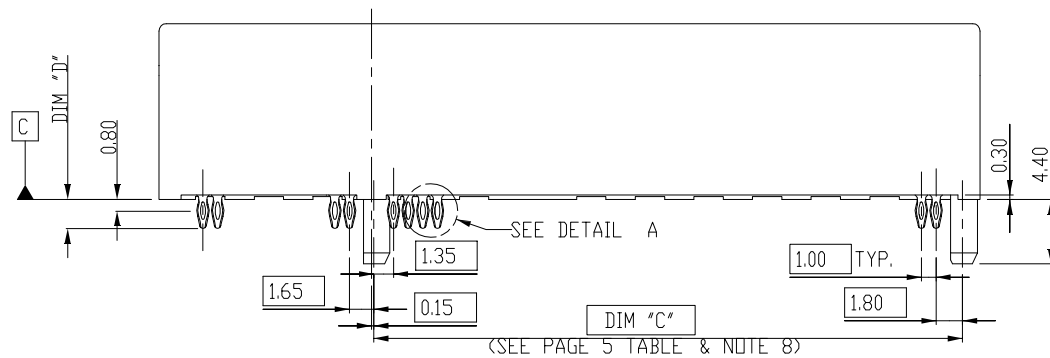
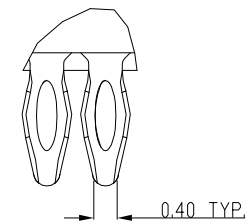
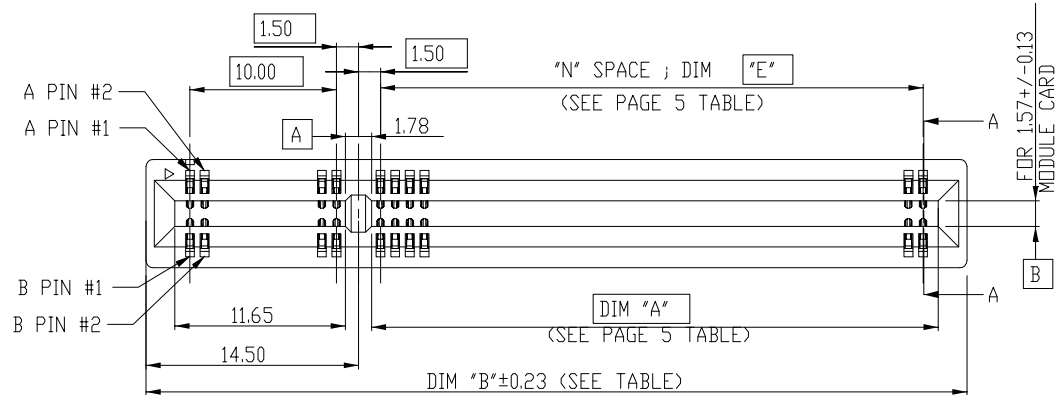
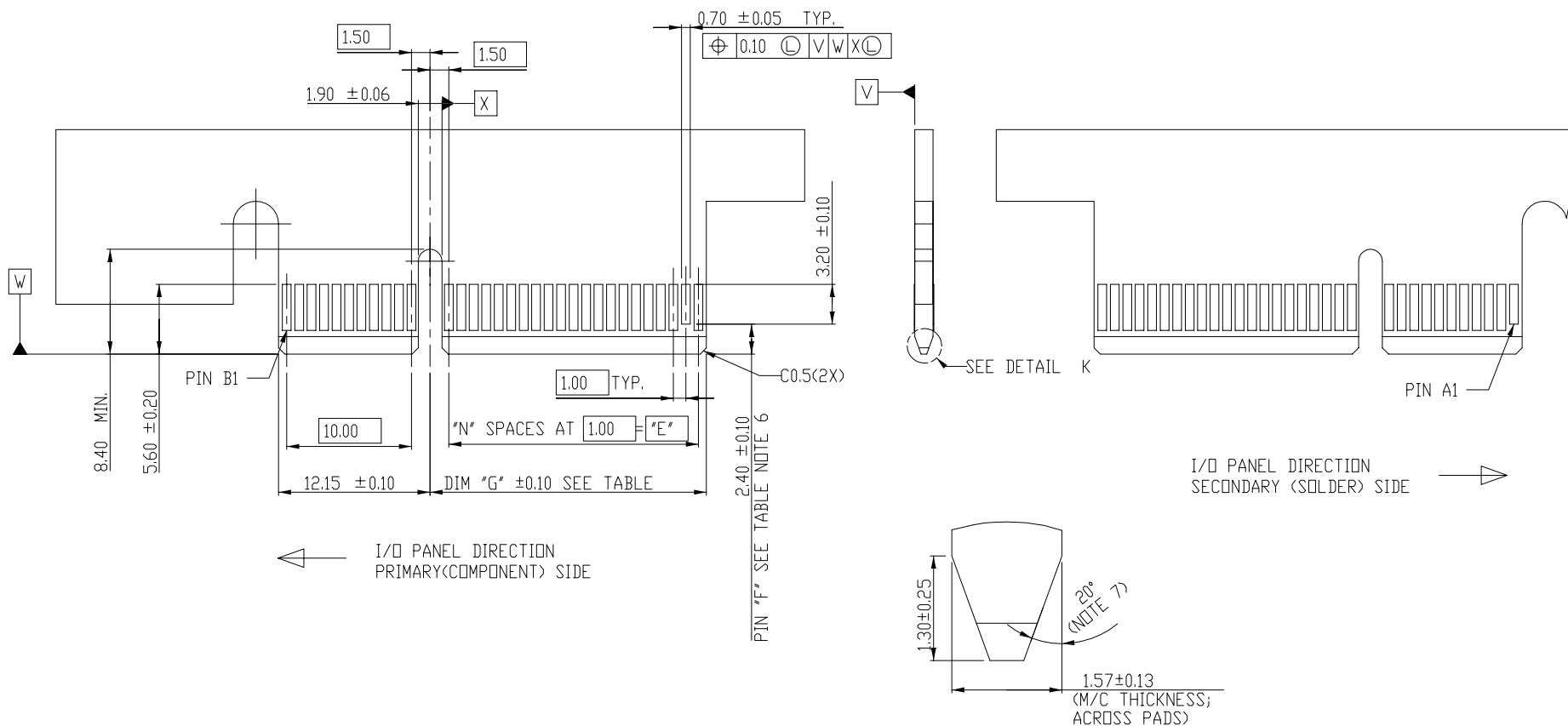
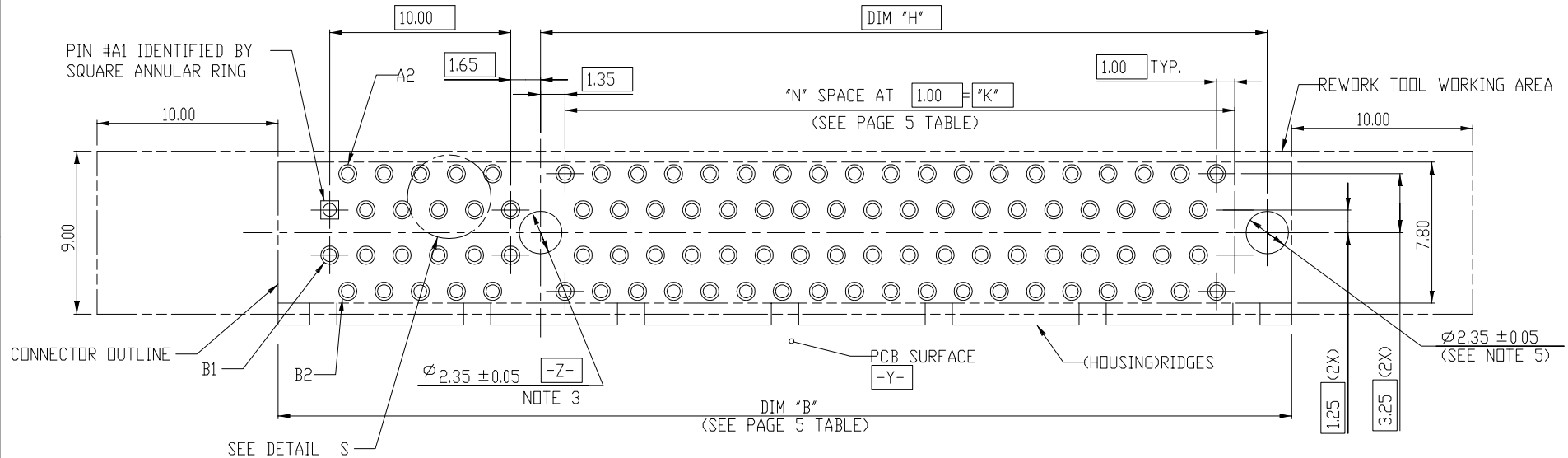


rev	ecn no	dr	date
A	T09-1074	RC	05/19/2009
B	T09-1112	RC	09/02/2009
C	T09-1159	RC	12/16/2009
D	DG-008068	HT	11/22/2011
E	ELX-DG-21161-1	ST	05/27/16
-	-	-	-
-	-	-	-

www.fciconnect.com				surface - 		tolerance std		projection 		MM 	
				TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	P	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	±0.25	size	A4	Scale	1,000
Eng	P	STONE LI	05/27/15			0.XX	±0.15				
Chr	P	/	/	0°	±5°	0.XXX	±0.10	ECN ELX-DG-21161-1			
Appr	J	PM ZHENG	05/27/15	Product family					Spec ref		
		title PCIE GEN3 				dwg no		10092852		Rev. E	
				EXPRESS MODULE PRESS-FIT ASSEMBLY							
catalog no				-				CUSTOMER		sheet 1 of 6	



www.fciconnect.com			surface 		tolerance std		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	±0.25	size	A4	Scale	1.000	
Eng	STONE LI	05/27/15			0.XX	±0.15					
Chr	/	/			0°	±5°	0.XXX	±0.10	ECN ELX-DG-21161-1		
Appr	PM ZHENG	05/27/15	Product family					Spec ref			
		title PCIE GEN3 				dwg no		10092852		Rev	E
		EXPRESS MODULE PRESS-FIT ASSEMBLY									
		catalog no -				CUSTOMER		sheet 2 of 6			

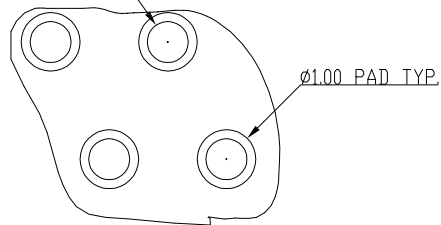


◀ I/O PANEL DIRECTION

RECOMMENDED FOOTPRINT

POS. 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

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



DETAIL S
SCALE 8.000

www.fciconnect.com			surface - ✓		tolerance std		projection		MM		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	±0.25	size A4	Scale 1.000			
Eng	STONE LI	05/27/15			0.XX	±0.15					
Chr	/	/			0°	±5°		0.XXX	±0.10	ECN ELX-DG-21161-1	
Appr	PM ZHENG	05/27/15	Product family					Spec ref			
			title PCIE GEN3 EXPRESS MODULE PRESS-FIT ASSEMBLY			dwg no 10092852			Rev. E		
catalog no			-			CUSTOMER			sheet 3 of 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-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 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.

10092852 - X X X X X X X X

HOUSING COLOR OPTION:

1: BLACK

0: NON-RIDGE TYPE

1: RIDGE TYPE

(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

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT

4-50u" Ni UNDERPLATE

15u" Au CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT

5-50u" Ni UNDERPLATE

GOLD FLASH CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT

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

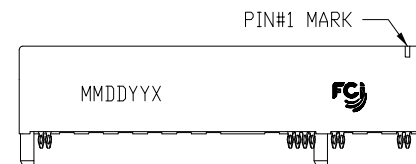
1-64

2-98

3-164

TAIL LENGTH OPTIONS

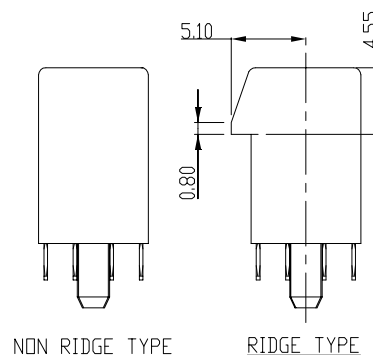
	DIM "D"	PCB THICKNESS
0	2.00±0.20	2.36
1	3.25±0.20	4.19



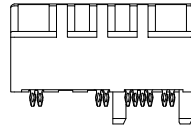
DATE CODE:

MMDDYY:MONTH/DAY/YEAR

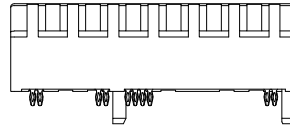
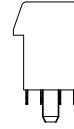
X: "K" - GEN.2 MARK



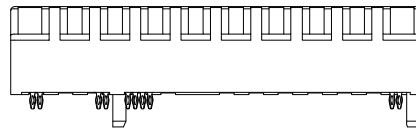
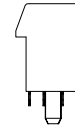
www.fciconnect.com			surface 		tolerance std		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	TONE LI	05/27/15	ANGULAR	LINEAR	0.X	±0.25	size A4	Scale 1.000			
Eng	TONE LI	05/27/15			0.XX	±0.15					
Chr	/	/	0°	±5°	0.XXX	±0.10	ECN ELX-DG-21161-1				
Appr	PM ZHENG	05/27/15	Product family					Spec ref			
	title PCIE GEN 3 					dwg no 10092852			Rev E		
	EXPRESS MODULE PRESS-FIT ASSEMBLY										
	catalog no -					CUSTOMER			sheet 4 of 6		



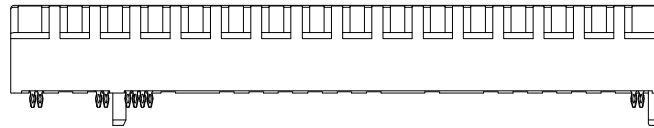
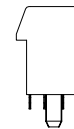
36 PIN RIDGE TYPE FRONT VIEW



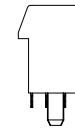
64 PIN RIDGE TYPE FRONT VIEW



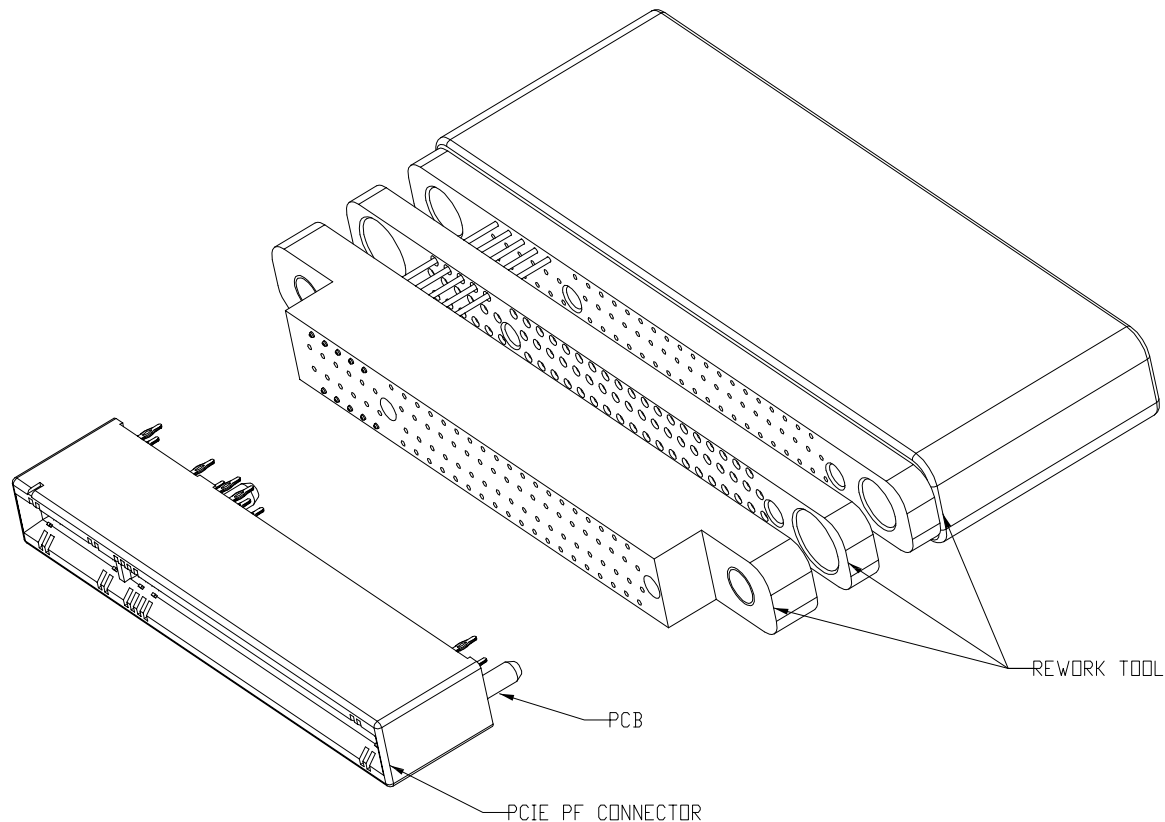
98 PIN RIDGE TYPE FRONT VIEW



164 PIN RIDGE TYPE FRONT VIEW



www.fciconnect.com			surface		- ✓		tolerance std		projection		MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	STONE LI 05/27/15		ANGULAR	LINEAR	0.X		±0.25		size	A4		Scale 1.000
Eng	STONE LI 05/27/15				0.XX		±0.15					
Chr	/ /		0°	±5°	0.XXX		±0.10		ECN ELX-DG-21161-1			
Appr	PM ZHENG 05/27/15		Product family					-	Spec ref			
		title PCIE GEN3  EXPRESS MODULE PRESS-FIT ASSEMBLY					dwg no 10092852		Rev. E			
		catalog no		-		CUSTOMER		sheet 5 of 6				



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

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

www.fciconnect.com			surface ☒	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	±0.25
Eng	STONE LI	05/27/15			0.XX	±0.15
Chr	/	/	0°	±5°	0.XXX	±0.10
Appr	PM ZHENG	05/27/15	Product family			Spec ref
			title PCIE GEN3			no 10092852
			EXPRESS MODULE PRESS-FIT ASSEMBLY			Rev. E
catalog no			CUSTOMER			sheet 6 of 6