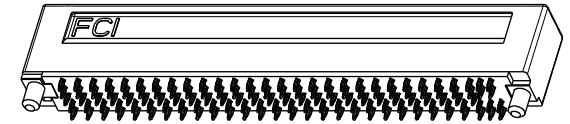
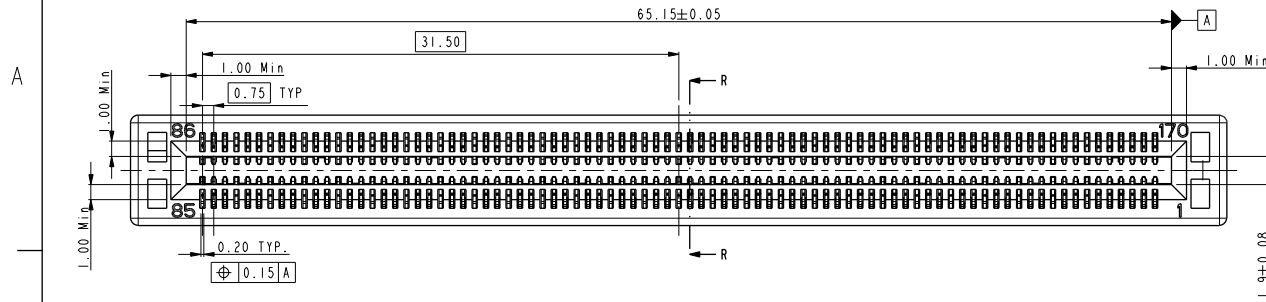
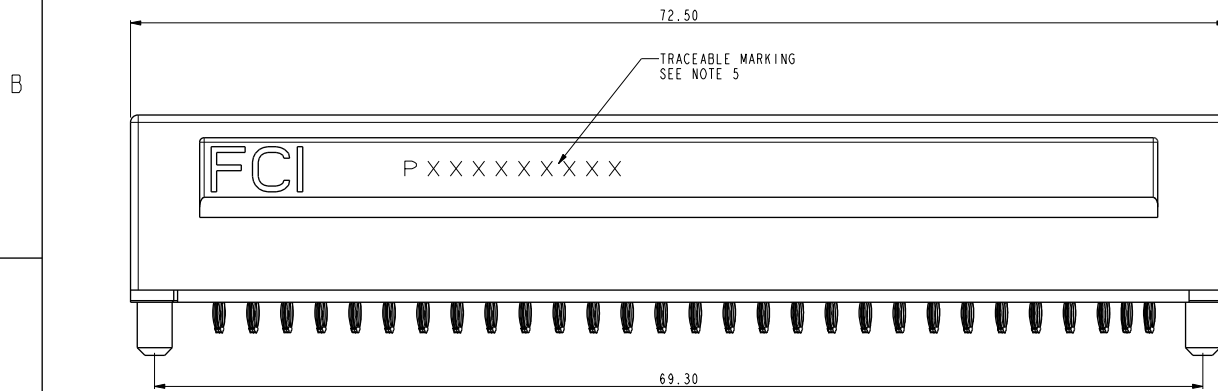


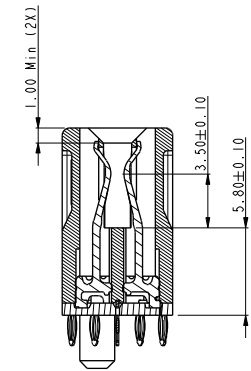
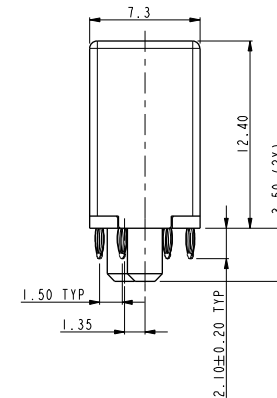
P/N	PLATING DESCRIPTION	REMARK
10058831-210LF	GF-PdNi	LEAD FREE
10058831-210	GF-PdNi	NOT LEAD FREE



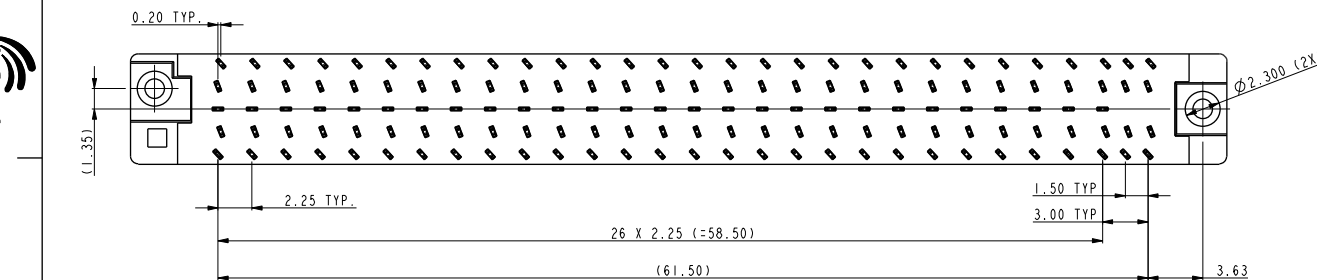
SCALE 1.500



SCALE 3.000



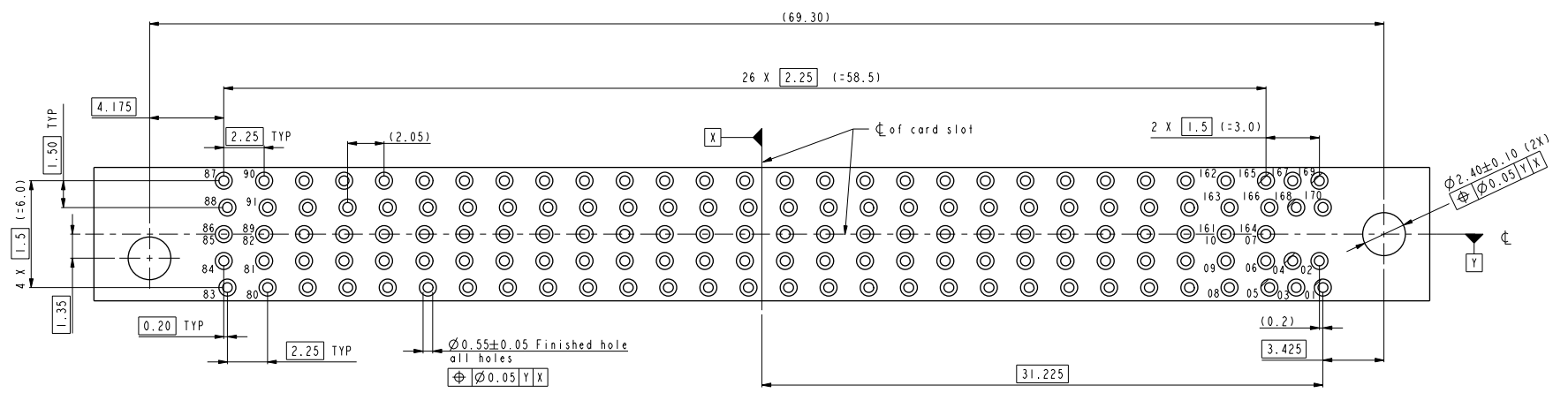
SECTION R-R



spec ref	*	dr	De-Feng Qin	2012/11/01	projection	MM	size	A3	scale	1.000											
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	De-Feng Qin	2012/11/29			ecn no	Released													
ISO 406		chr	-				rel level														
ISO 1101		appr	Pei-Ming Zheng	2012/12/05	product family																
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.2</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.08</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±5°</td> </tr> </table>	linear	0.X	±0.2		0.XX	±0.15		0.XXX	±0.08	angular	0°	±5°			title PF TYPE ASS'Y MICRO TCA		dwg no 10058831-210		rev A	
linear	0.X	±0.2																			
	0.XX	±0.15																			
	0.XXX	±0.08																			
angular	0°	±5°																			
ISO 1302		www.fci.com		cat. no.	Product - Customer Drw			sheet 1 of 4													



Copyright FCI.



SCALE 4.000

RECOMMENDED PCB LAYOUT
(SEE PICMG MICROTCA BASE SPECIFICATION FOR DETAIL)

REMARK:FUNCTIONAL CONTACT PIN LIST OF MATING INTERFACE

POWER	2, 9, 18, 27, 42, 57, 72, 84
GROUND	1, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 52, 55, 58, 61, 64, 67, 70, 73, 76, 79, 82, 85, 86, 89, 92, 95, 98, 101, 104, 107, 110, 113, 116, 119, 122, 125, 128, 131, 134, 137, 140, 143, 146, 149, 152, 155, 158, 161, 164, 170
GENERAL PURPOSE	3, 4, 5, 6, 8, 17, 26, 41, 56, 71, 83, 165, 166, 167, 168, 169
DIFFERENTIAL PAIRS	11/12, 14/15, 20/21, 23/24, 29/30, 32/33, 35/36, 38/39, 44/45, 47/48, 50/51, 53/54, 59/60, 62/63, 65/66, 68/69, 74/75, 77/78, 80/81, 87/88, 90/91, 93/94, 96/97, 99/100, 102/103, 105/106, 108/109, 111/112, 114/115, 117/118, 120/121, 123/124, 126/127, 129/130, 132/133, 135/136, 138/139, 141/142, 144/145, 147/148, 150/151, 153/154, 156/157, 159/160, 162/163

spec ref	*	dr	De-Feng Qin	2012/11/01	projection	MM	size	A3	scale	1.000											
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	De-Feng Qin	2012/11/29			ecn no	Released													
ISO 406		chr	-	-			rel level	Released													
ISO 1101		appr	Pei-Ming Zheng	2012/12/05	product family																
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.2</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.08</td> </tr> <tr> <td>ISO 1302</td> <td>angular</td> <td>0°</td> <td>±5°</td> </tr> </table>	linear	0.X	±0.2		0.XX	±0.15		0.XXX	±0.08	ISO 1302	angular	0°	±5°		title PF TYPE ASS'Y MICRO TCA cat. no.	dwg no 10058831-210	rev A	Product - Customer Drw		sheet 2 of 4
linear	0.X	±0.2																			
	0.XX	±0.15																			
	0.XXX	±0.08																			
ISO 1302	angular	0°	±5°																		

Profile File - REV C - 2009-06-09

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3-10 MIN. TAILING EDGE
OF CONTACTS

3.50±0.10 CENTERLINE OF
CONNECTOR CONTACTS

0.70±0.10 TYP

0.48±0.02 TYP
⊕ 0.1 Z
85 POSITIONS
2 SIDES

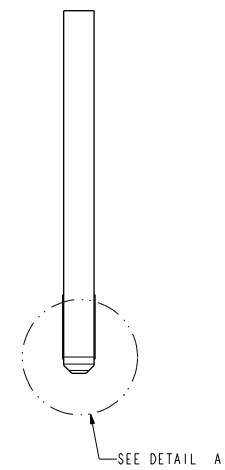
84 X 0.75 (=63.0)

0.75 TYP
84 PLACES
TWO SIDES

45°±2 (2X)

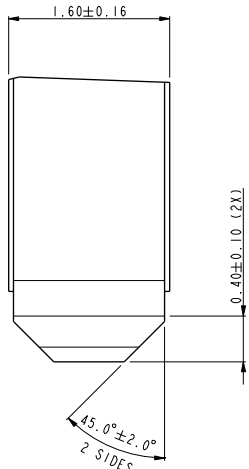
R 0.50 (2X)

0.60 (2X)



SCALE 4.000

RECOMMENDED MODULE LAYOUT
(SEE PICMG ADVANCED MEZZANINE CRAD BASE SPECIFICATION FOR DETAIL)



DETAIL A
SCALE 20.000

spec ref	*	dr	De-Feng Qin	2012/11/01	projection	MM	size	A3	scale	1.000	
tolerance std	ISO 406 ISO 1101	eng	De-Feng Qin	2012/11/29			ecn no	Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released			
surface	<input checked="" type="checkbox"/> linear <input type="checkbox"/> angular	0.X	±0.2		PF TYPE ASS'Y MICRO TCA		dwg no 10058831-210	rev A			
		0.XX	±0.15		www.fci.com	cat. no. *		Product - Customer Drw		sheet 3 of 4	
		0.XXX	±0.08								
ISO 1302		0°	±5°								

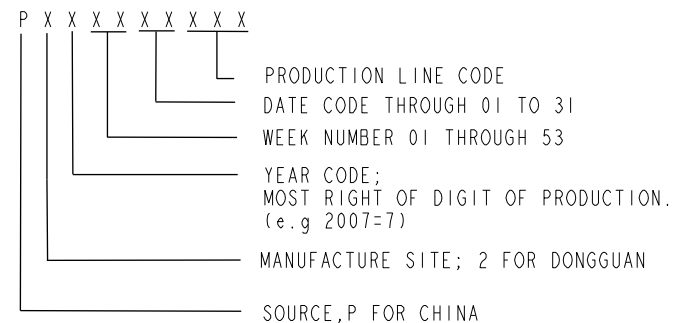


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NOTES:

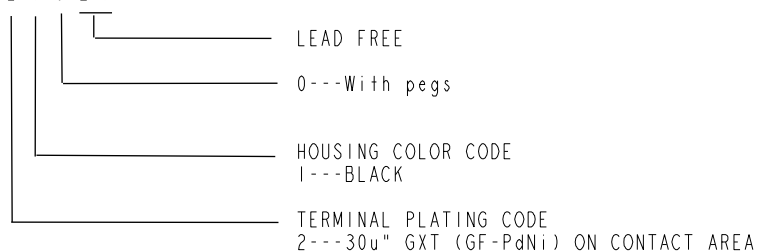
1. MATERIAL:
HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
TERMINAL: COPPER ALLOY
2. FINISH:
10058831 -210LF
TERMINAL: 50u" NICKEL UNDERPLATE
CONTACT AREA : 30u" GXT (GF-PdNi) ON CONTACT AREA
PRESS FIT TAIL: 20u" MIN. Pure Sn OVER 50u" NICKEL.
10058831 -210
TERMINAL: 50u" NICKEL UNDERPLATE
CONTACT AREA: 30u" GXT (GF-PdNi) ON CONTACT AREA
PRESS FIT TAIL: 20u" MIN. SnPb OVER 50u" NICKEL.
3. THE PRODUCT MEETS PICMG MICROTCA SPECIFICATION AS DESCRIBED IN GS-12-1100.

5. MARKING INFORMATION:



PRODUCT NUMBER CODE

10058831 - 2 1 0 L F



HEIGHT OF THE MAKING TEXT: IMM MIN

4. PCB NOTE:

∅0.64±0.02mm DRILLED HOLES, PLATED WITH 0.8um min CHEM. TIN OVER
25um MIN .Cu PLATING TO ACHIEVE ∅0.55±0.05mm FINISHED HOLES.



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spec ref *		dr	De-Feng Qin	2012/11/01	projection	MM	size	A3	scale	1.000		
tolerance std		eng	De-Feng Qin	2012/11/29		↔	ecn no		rel level Released			
ISO 406 ISO 1101		chr	-	-								
		appr	Pei-Ming Zheng	2012/12/05	product family							
surface	linear	0.X	±0.2		www.fci.com	title	PF TYPE ASS'Y		dwg no	10058831-210	rev	A
		0.XX	±0.15									
		0.XXX	±0.08		cat. no.		Product - Customer Drw		sheet 4 of 4			
ISO 1302	angular	0°	±5°									