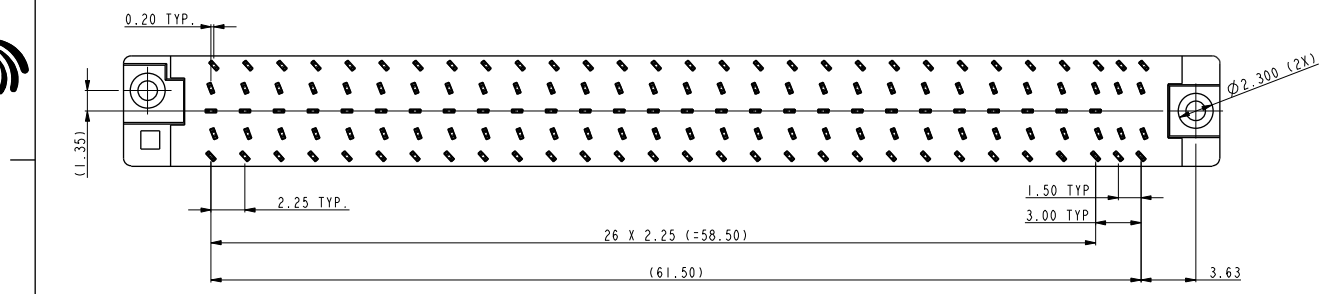
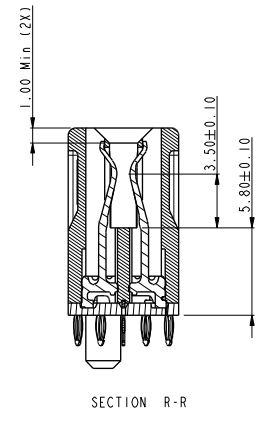
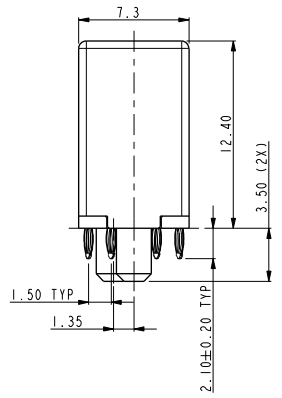
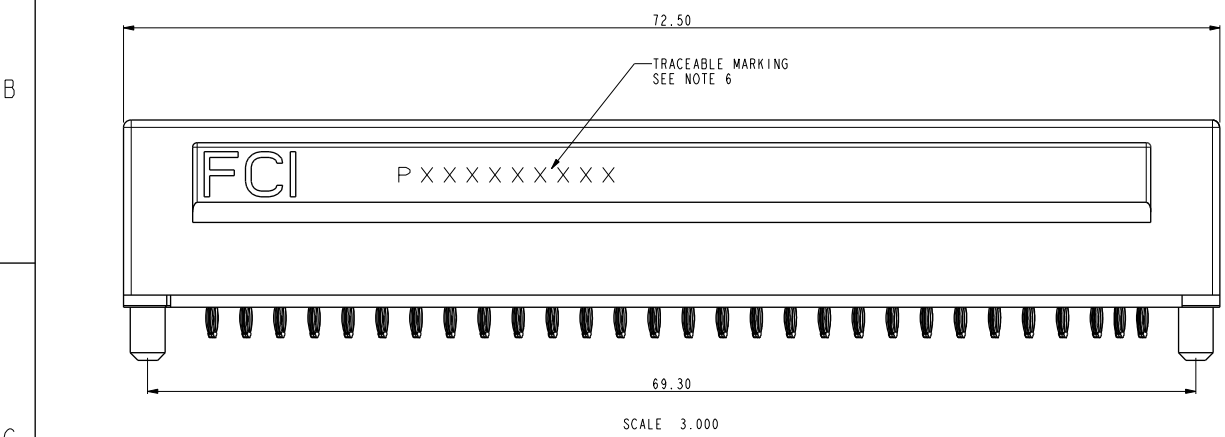
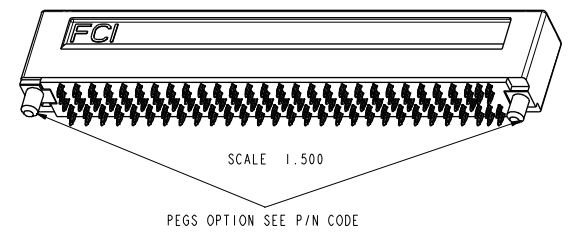
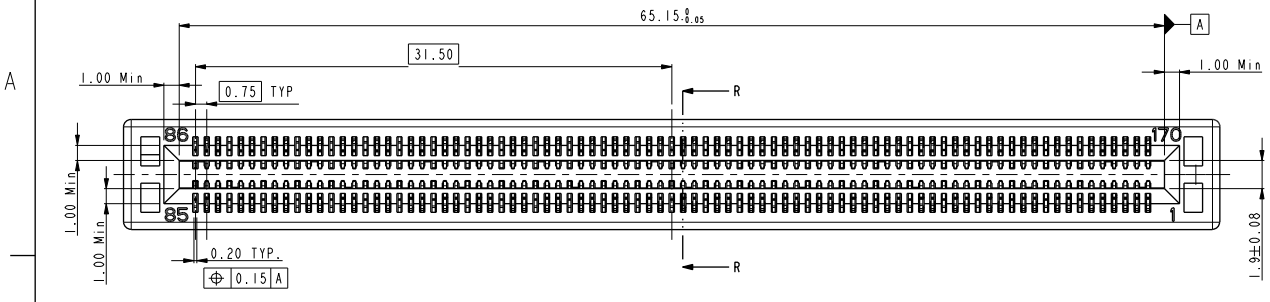


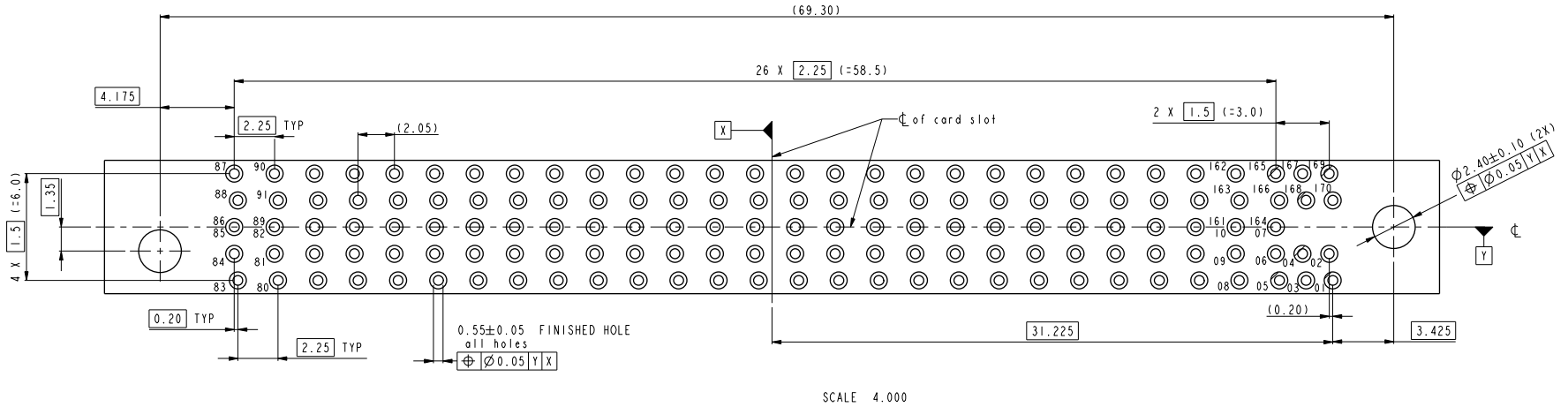
P/N	PLATING DESCRIPTION	REMARK
10058831-110LF & 10058831-111LF	Au	LEAD FREE
10058831-110 & 10058831-111	Au	NOT LEAD FREE



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spec ref	*	dr	w wadmin	2007/05/11	projection	MM	size	A3	scale	1.000
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Feng Qin	2012/11/20	ecn no	ELX-DG-13477-1		
surface	✓ linear	0.X	±0.2	chr	Terry Qiu	2012/11/20	rel level	Released		
		0.XX	±0.15	appr	Pei-Ming Zheng	2012/11/30	product family			
		0.XXX	±0.08	FCI		PF TYPE ASS'Y	dwg no	10058831		rev
ISO 1302	angular	0°	±5°	www.fci.com	cat. no.	*	Product - Customer Drw		sheet 1 of 4	

Profile File - REV C - 2009-06-09



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

Copyright FCI

spec ref	*	dr	w wadmin	2007/05/11	projection	MM	size	A3	scale	1.000
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	De-Feng Qin	2012/11/20		ecn no		ELX-DG-13477-1	
surface	linear	0.X ±0.2 0.XX ±0.15 0.XXX ±0.08	chr	Terry Qiu	2012/11/20		rel level		Released	
ISO 1302	angular	0° ±5°	appr	Pei-Ming Zheng	2012/11/30		product family		PF TYPE ASS'Y MICRO TCA	
			www.fci.com			cat. no.		Product - Customer Drw		sheet 2 of 4
						file	10058831		rev	
						title	K			

Profile File - REV C - 2009-06-09

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)

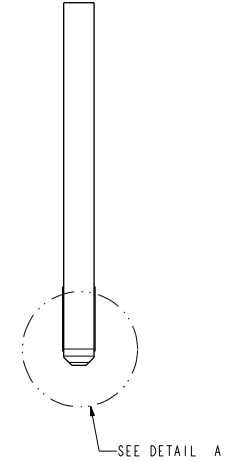
65.00±0.10

31.50

0.75 TYP
84 PLACES
TWO SIDES

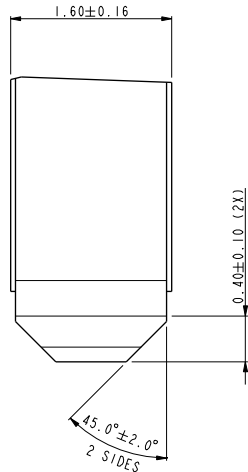
45°±P (2X)
R 0.50 (2X)

0.60 (2X)



SCALE 4.000

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



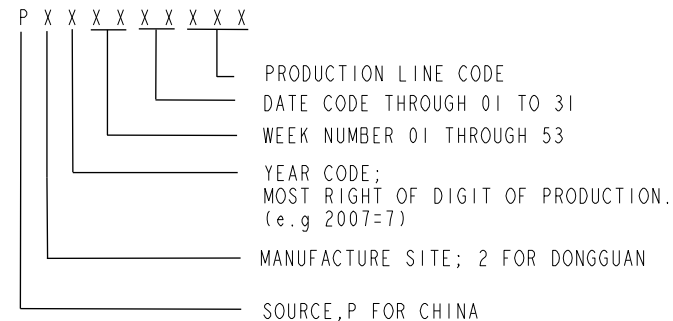
DETAIL A
SCALE 20.000

spec ref	*	dr	w wadmin	2007/05/11	projection	MM	size	A3	scale	1.000																			
tolerance std	ISO 406 ISO 1101	eng	De-Feng Qin	2012/11/20			ecn no	ELX-DG-13477-1																					
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terry Qiu	2012/11/20			rel level	Released																					
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°	appr	Pei-Ming Zheng	2012/11/30	product family			<table border="1"> <tr> <td>title</td> <td>PF TYPE ASS'Y</td> </tr> <tr> <td>cat. no.</td> <td>MICRO TCA</td> </tr> </table>	title	PF TYPE ASS'Y	cat. no.	MICRO TCA	<table border="1"> <tr> <td>dwg no</td> <td>10058831</td> </tr> <tr> <td>rev</td> <td>K</td> </tr> </table>	dwg no	10058831	rev	K
linear	0.X	±0.2																											
	0.XX	±0.15																											
	0.XXX	±0.08																											
angular	0°	±5°																											
title	PF TYPE ASS'Y																												
cat. no.	MICRO TCA																												
dwg no	10058831																												
rev	K																												
ISO 1302		www.fci.com	Product - Customer Drw			sheet 3 of 4																							

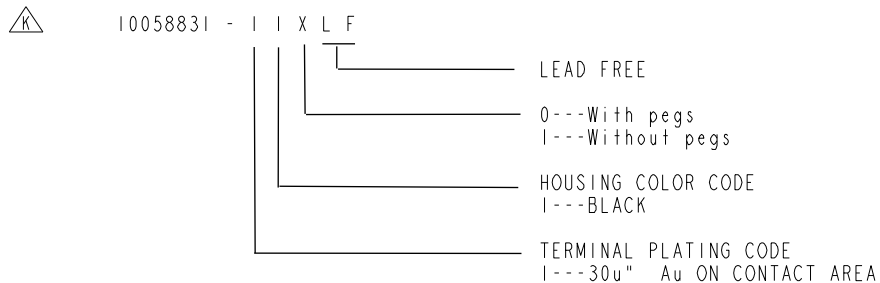
NOTES:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
TERMINAL: COPPER ALLOY
2. FINISH:
10058831 -110LF AND 10058831-11LF
TERMINAL: 50u" NICKEL UNDERPLATE
CONTACT AREA : 30u" Au ON CONTACT AREA
PRESS FIT TAIL: 20u" MIN. Pure Sn OVER 50u" NICKEL.
10058831 -110 AND 10058831-111
TERMINAL: 50u" NICKEL UNDERPLATE
CONTACT AREA: 30u" Au ON CONTACT AREA
PRESS FIT TAIL: 20u" MIN. SnPb OVER 50u" NICKEL.
3. THE PRODUCT MEETS PICMG MICROTCA SPECIFICATION AS DESCRIBED IN GS-12-422.

6. MARKING INFORMATION:



PRODUCT NUMBER CODE



HEIGHT OF THE MAKING TEXT: IMM MIN

4. GOLD PLATING NOTE:

HARD GOLD PLATED, ITS DENSITY IS 17.0g/cu.mm.
IF USED PURE GOLD DENSITY 19.3g/cu.mm. XRF PROFILE FOR MEASUREMENT, MUST MULTIPLY FACTOR 1.135

PCB NOTE:

5. $\varnothing 0.64 \pm 0.02$ mm DRILLED HOLES, PLATED WITH 0.8um min CHEM. TIN OVER 25um MIN .Cu PLATING TO ACHIEVE $\varnothing 0.55 \pm 0.05$ mm FINISHED HOLES.

spec ref *		dr	w wadmin	2007/05/11	projection	MM	size	A3	scale	1.000
tolerance std		eng	De-Feng Qin	2012/11/20			ecn no ELX-DG-13477-1			
ISO 406		chr	Terry Qiu	2012/11/20			rel level		Released	
ISO 1101		appr	Pei-Ming Zheng	2012/11/30			product family			
TOLERANCES UNLESS OTHERWISE SPECIFIED		www.fci.com			PF TYPE ASS'Y		10058831		rev K	
surface	linear	0.X	±0.2	MICRO TCA		dwg no		10058831		rev
		0.XX	±0.15							K
		0.XXX	±0.08							
ISO 1302	angular	0°	±5°	cat. no.		Product - Customer Drw		sheet 4 of 4		



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