

Excellent Integrated System Limited

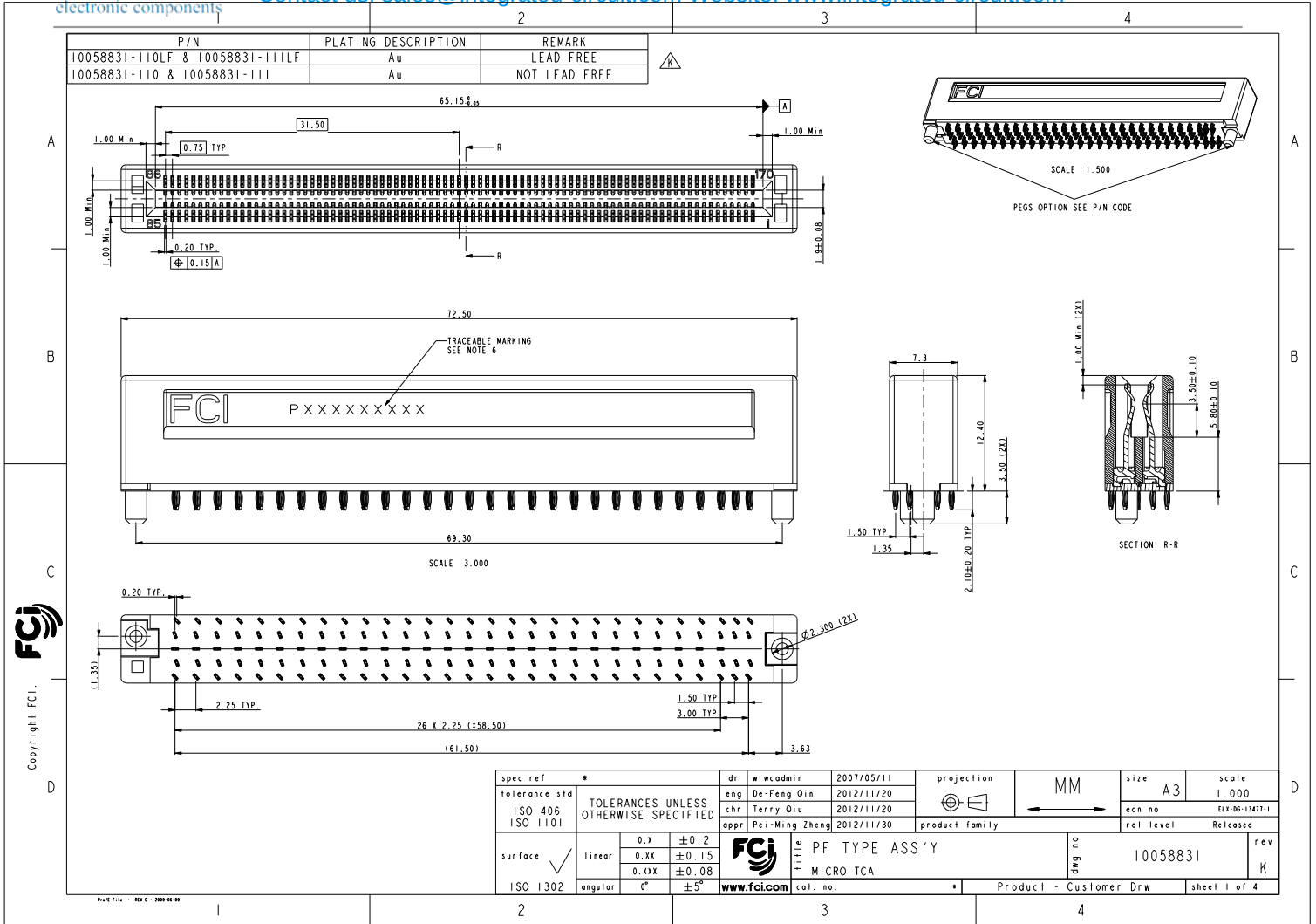
Stocking Distributor

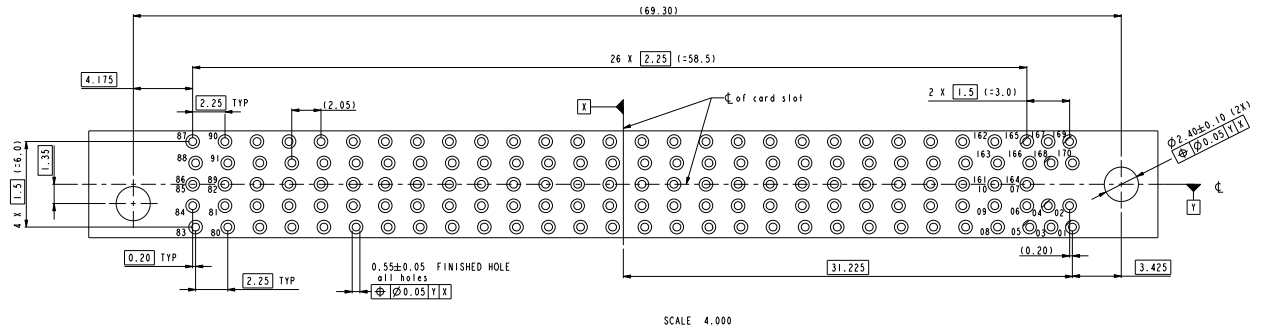
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10058831-110LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



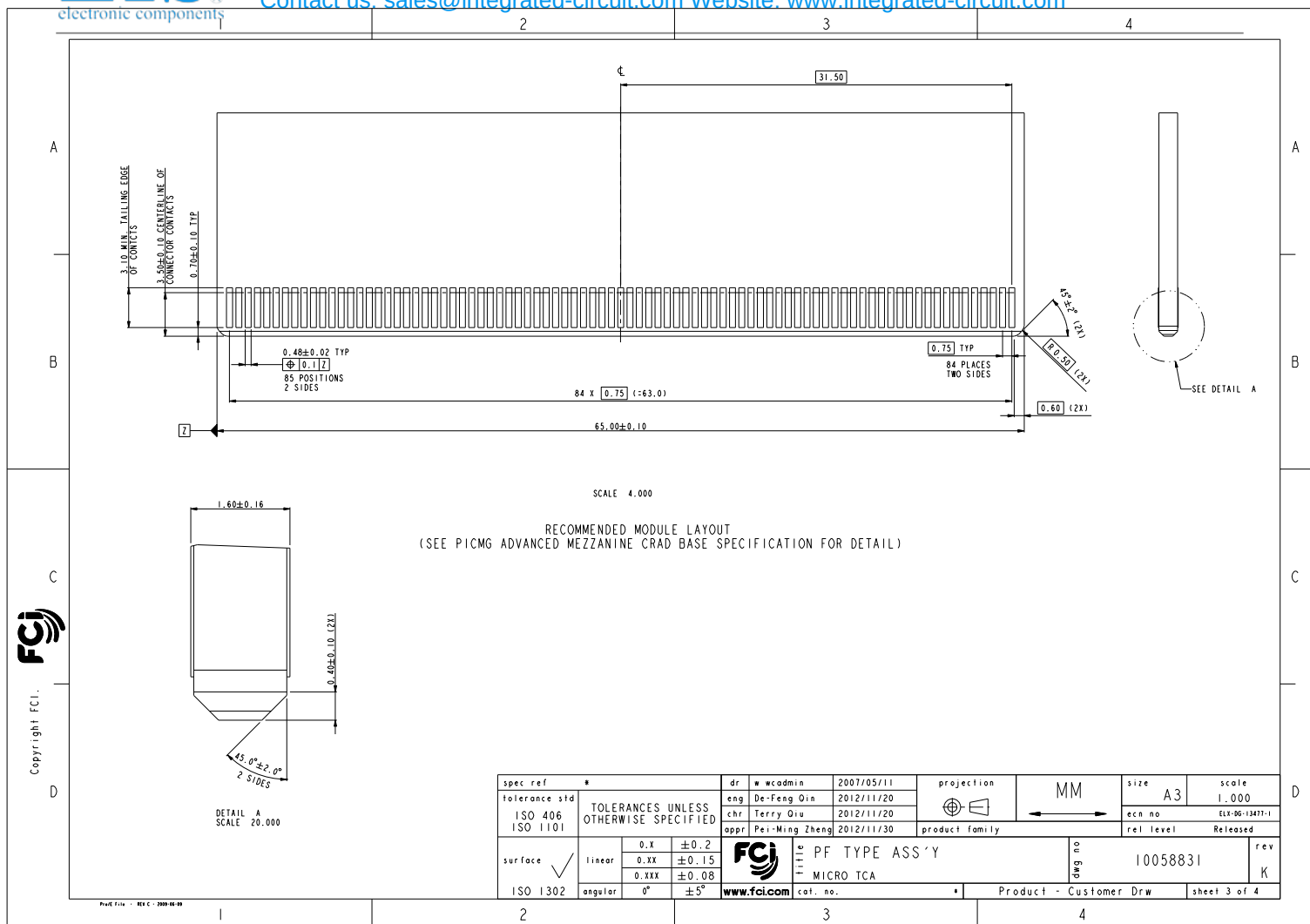


RECOMMENDED PCB LAYOUT
(SEE PICMG MICROTCA BASE SPECIFICATION FOR DETAIL)

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, 88, 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	wcadmin	2007/05/11	projection	MM	size	A3	scale	1:000
tolerance std	ISO 406	eng	De-Feng Qin	2012/11/20			ecm no	ELT-96-13477-1		
ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terry Qiu	2012/11/20			rel level	Released		
		appr	Pei-Ming Zheng	2012/11/30	product family					
surface	linear	FCI	PF TYPE ASS'Y				deg no	10058831	rev	K
ISO 1302	angular	www.fci.com	MICRO TCA							
		cat. no.					Product - Customer Drw		sheet 2 of 4	



NOTES:

1. MATERIAL:
HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
TERMINAL: COPPER ALLOY
2. FINISH:
10058831 - 110LF AND 10058831-111LF
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:

P X X X X X X X X
 PRODUCTION LINE CODE
 DATE CODE THROUGH 01 TO 31
 WEEK NUMBER 01 THROUGH 53
 YEAR CODE;
 MOST RIGHT OF DIGIT OF PRODUCTION.
 (e.g 2007=7)
 MANUFACTURE SITE; 2 FOR DONGGUAN
 SOURCE, P FOR CHINA

PRODUCT NUMBER CODE

10058831 - 110LF
 LEAD FREE
 0---With pegs
 1---Without pegs
 HOUSING COLOR CODE
 1---BLACK
 TERMINAL PLATING CODE
 1---30u" Au ON CONTACT AREA

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	wcadmin	2007/05/11	projection	MM	size	A3	scale	1.000
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		appr	Pei-Ming Zheng	2012/11/30	product family					
surface	linear	0.X	± 0.2	FCI PF TYPE ASS'Y MICRO TCA		deg no	10058831	rev	K	
		0.XX	± 0.15							
		0.XXX	± 0.08							
ISO 1302	angular	0°	$\pm 5^\circ$	www.fci.com	cat. no.		Product - Customer Drw	sheet 4 of 4		

PDS: Rev :K

STATUS:Released

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