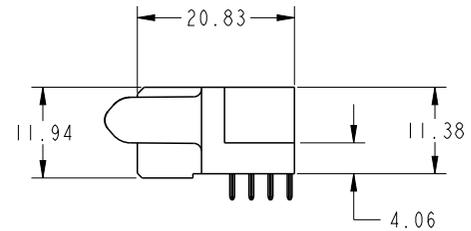
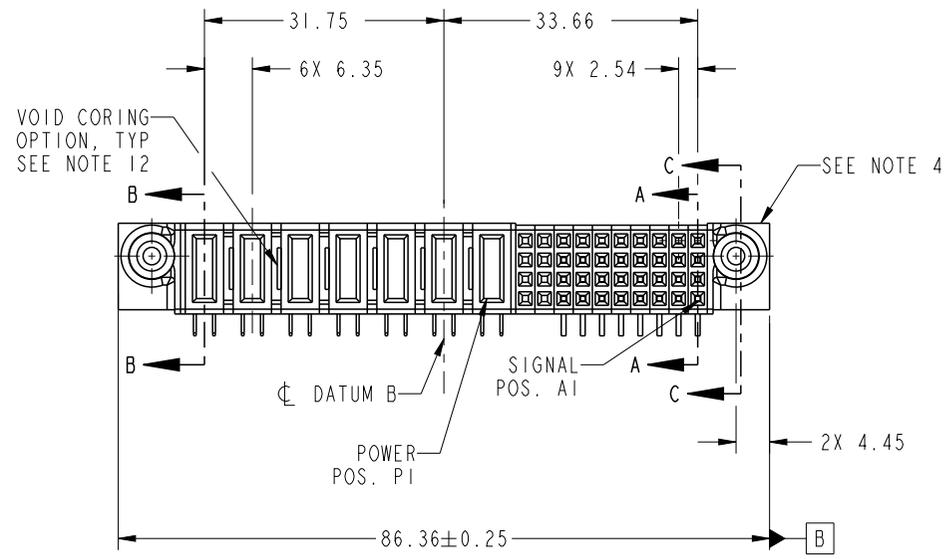


PRODUCT NO. 51771-023-- NOTE 3	ROWS D C B A	POWER							SIGNAL										E1			
		E2	P7	P6	P5	P4	P3	P2	P1	10	9	8	7	6	5	4	3	2		1		
			PA	XX	HH																	
										XX	GG											
										XX	FF											
										XX	EE											



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL

spec ref	SEE NOTES			dr	Guang, Shi	2011/11/15	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/12/30			ecn no	-		
SEE NOTES				chr	-	-			rel level	Released		
surface ✓	linear	0.X	±0.50	FCj	title	40S+7P	product family	PwrBlade	dwg no	51771-023	rev	A
		0.XX	±0.25									
		0.XXX	±0.1									
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw	sheet 1 of 4				

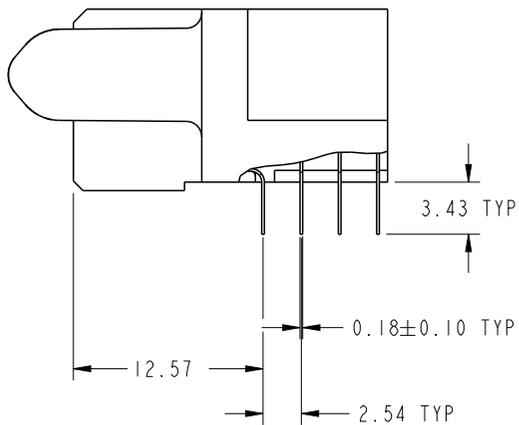


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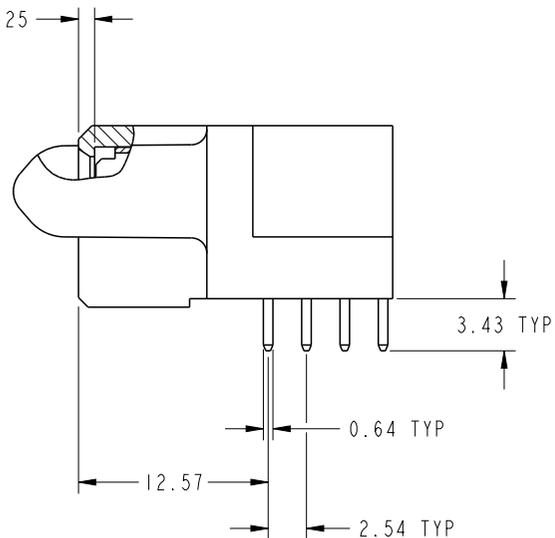
PRODUCT NUMBER

51771-023--
NOTE 3

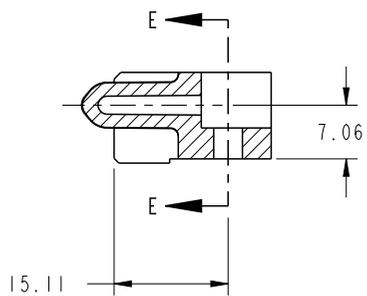
DIM "M" ±0.25



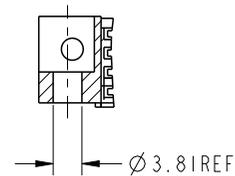
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

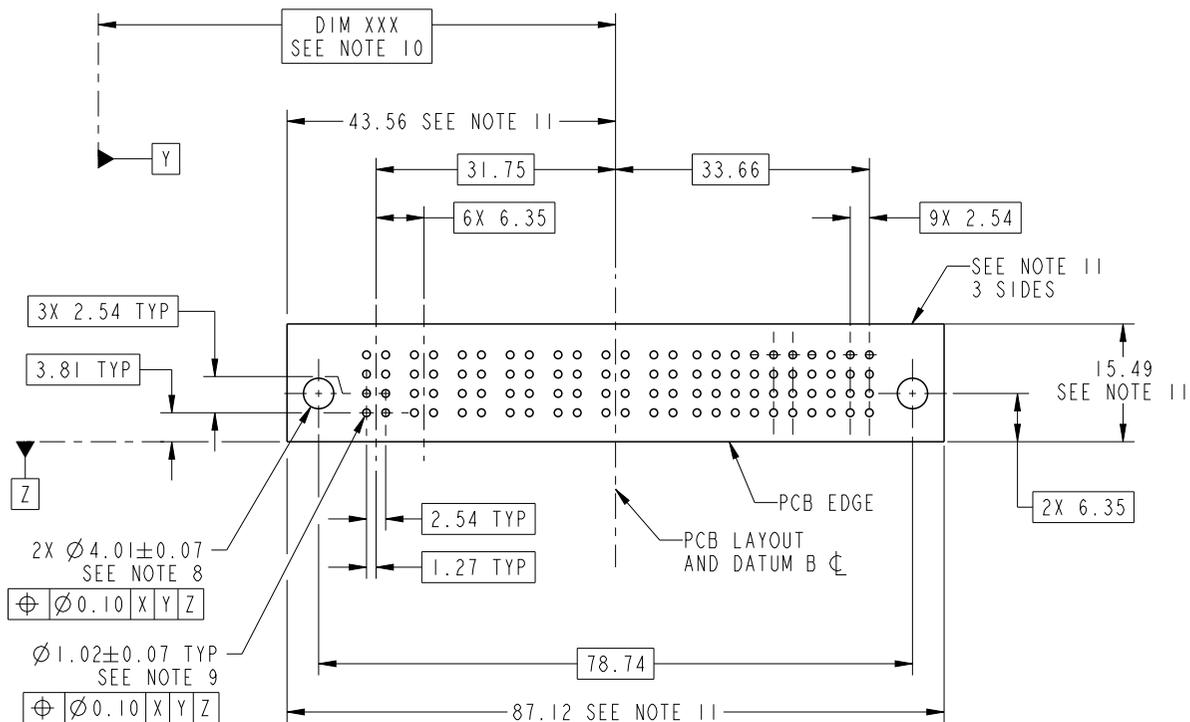


PARTIAL SECTION E-E

dr	Guang, Shi	2011/11/15	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/12/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	-	product family	PwrBlade	rev	A		
		title 40S+7P R/A STB RECEPTACLE	dwg no 51771-023	cat. no. Product - Customer Drw	sheet 2 of 4			

PRODUCT NUMBER

51771-023--
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2011/11/15	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/12/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	-	product family	PwrBlade	rev	A		
		title 40S+7P R/A STB RECEPTACLE	dwg no 51771-023	www.fci.com	cat. no.	Product - Customer Drw	sheet 3 of 4	

PRODUCT NUMBER

51771-023--
NOTE 3

NOTES:

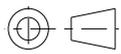
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
- 3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51771-023 AND 51771-023LF RESPECTIVELY.
- 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- 5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
- 6. PACKAGED IN TRAYS.

PCB NOTES:

- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 9. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
- 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11. CONNECTOR KEEP-OUT ZONE.
- 12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

dr	Guang, Shi	2011/11/15	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/12/30			ecn no	-		
chr	-	-			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	-			title 40S+7P R/A STB RECEPTACLE	dwg no 51771-023	rev A	
www.fci.com		cat. no.	Product - Customer Drw			sheet 4 of 4		



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