

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
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

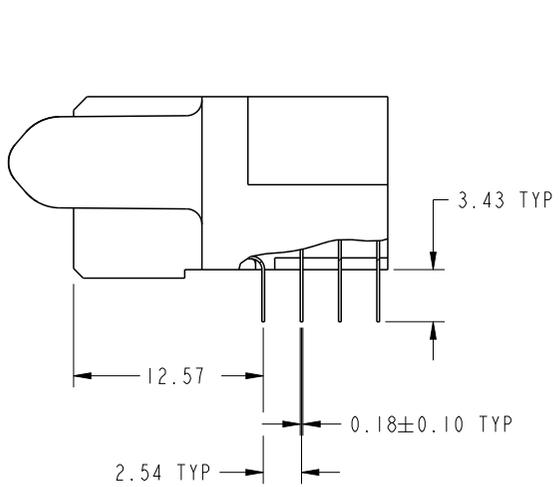
spec ref	See Notes		dr	X Q Wang	2012/01/20	projection 	MM 	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	X Q Wang	2012/02/03			ecn no	-			
See Notes			chr	-	-							
surface	linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10	appr	Pei-Ming Zheng	2012/02/03	product family	PwrBlade	rel level	Released			
	angular	0° ±2°			title	24S + 10P R/A SOLDER RECEPTACLE		dwg no	51771-024		rev	A
			www.fci.com	cat. no.	Product - Customer Drw			sheet 1 of 4				



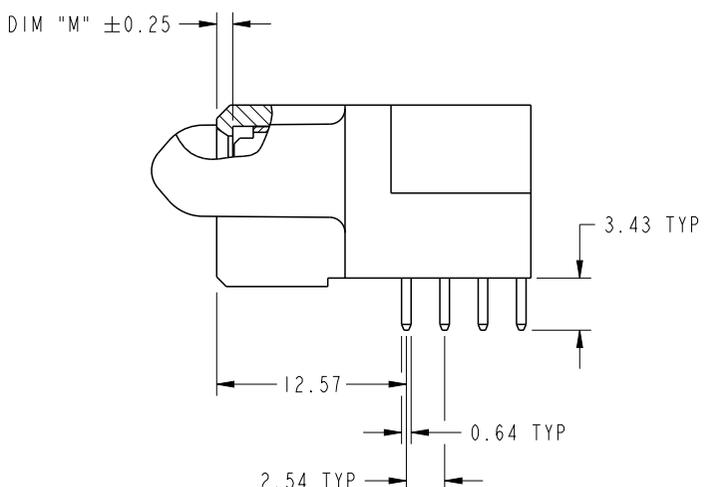
Copyright FCI.

PRODUCT NUMBER

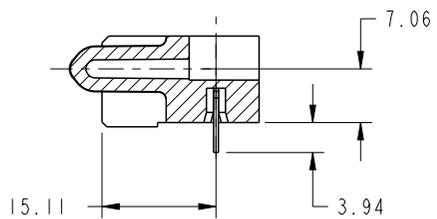
51771-024__
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

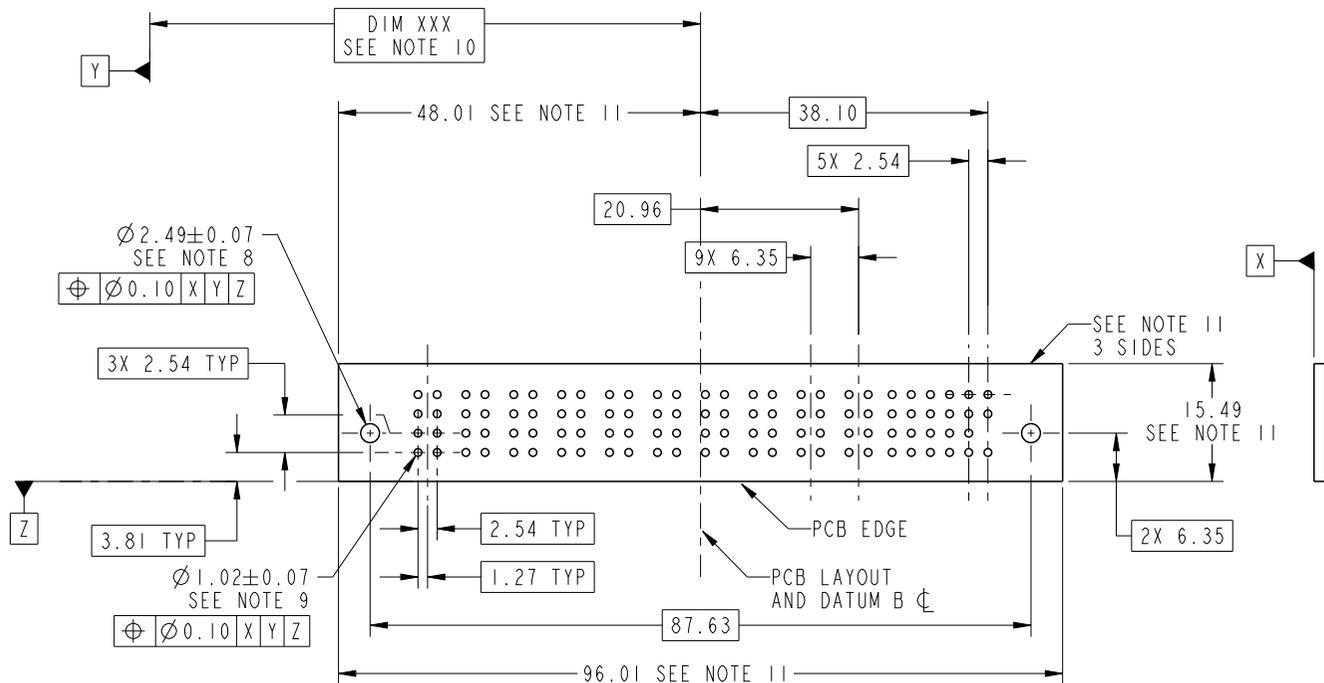


SECTION C-C

dr	X Q Wang	2012/01/20	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/02/03			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/02/03	product family	PwrBlade				
		title 24S + 10P R/A SOLDER RECEPTACLE	dwg no 51771-024	rev A				
www.fci.com		cat. no.	Product - Customer Drw			sheet 2 of 4		

PRODUCT NUMBER

51771-024__
NOTE 3



RECOMMENDED PCB LAYOUT

dr	X Q Wang	2012/01/20	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/02/03			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/02/03	product family	PwrBlade	rel level	Released		
	title	24S + 10P R/A SOLDER RECEPTACLE		dwg no	51771-024		rev	A
www.fci.com	cat. no.	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER

51771-024--
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 51771-024 AND 51771-024LF 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	X Q Wang	2012/01/20	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/02/03			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2012/02/03	product family	PwrBlade	rel level	Released		
	title	24S + 10P R/A SOLDER RECEPTACLE		dwg no	51771-024		rev	A
www.fci.com	cat. no.	Product - Customer Drw			sheet 4 of 4			



Copyright FCI.