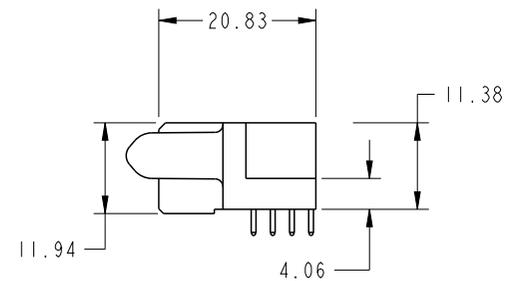
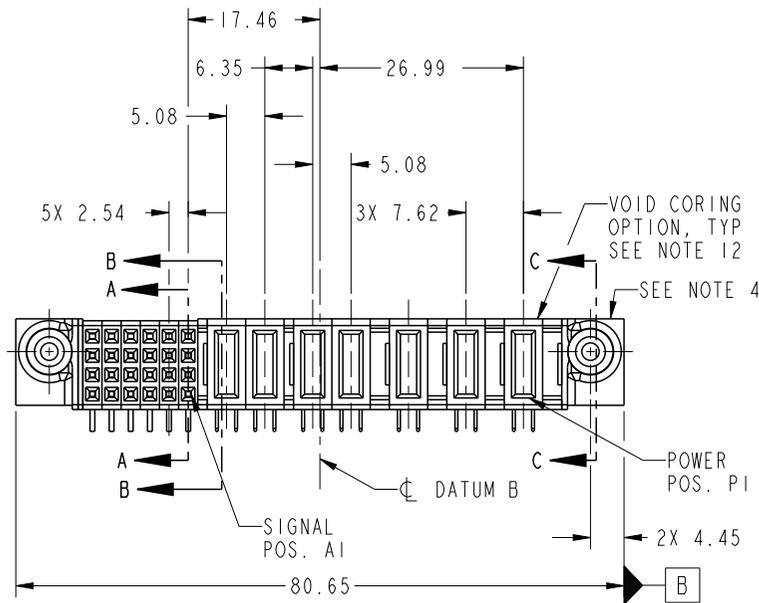


PRODUCT NO.	ROWS	SIGNAL								POWER							
		E2	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1	E1	
51866-048-- NOTE 3	D C B A		H	H	H	H	H	H	H	PC	PC	PC	PC	PA	PC	PC	

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[2.34]	POWER
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL



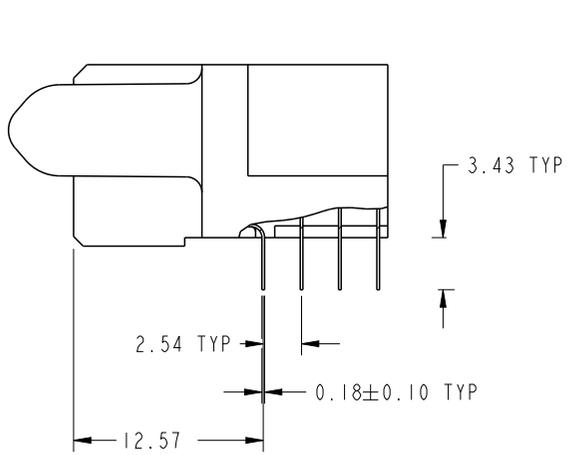
spec ref	SEE NOTES			dr	X Q Wang	2011/01/13	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jackie Huang	2013/08/12			ecn no	ELX-DG-15464-1		
				chr	-	-				rel level	Released	
surface <input checked="" type="checkbox"/>	linear	0.X	±0.50	www.fci.com	title	3ACP + 4P + 24S R/A SOLDER RECEPTACLE	product family	PwrBlade	dwg no	51866-048	rev	B
		0.XX	±0.25									
		0.XXX	±0.10									
	angular	0°	±2°	cat. no.	*	Product - Customer Drw	sheet 1 of 4					

A

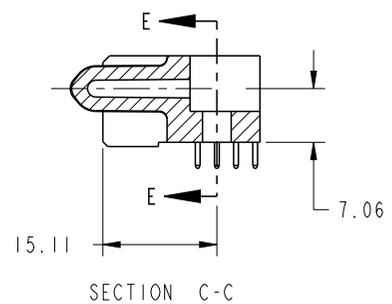
B

C

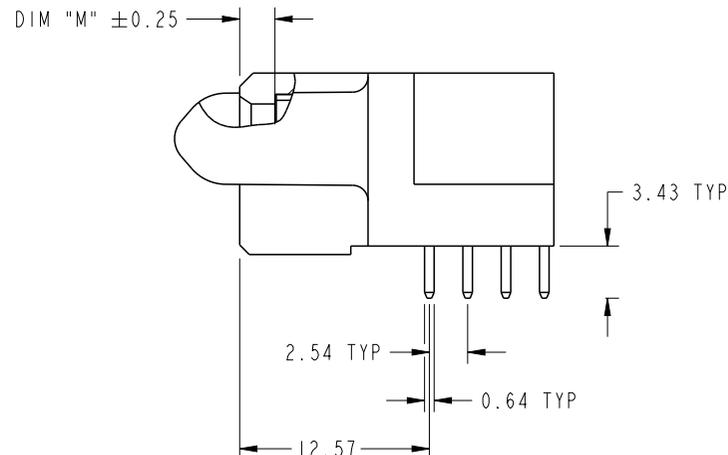
D



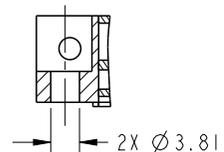
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

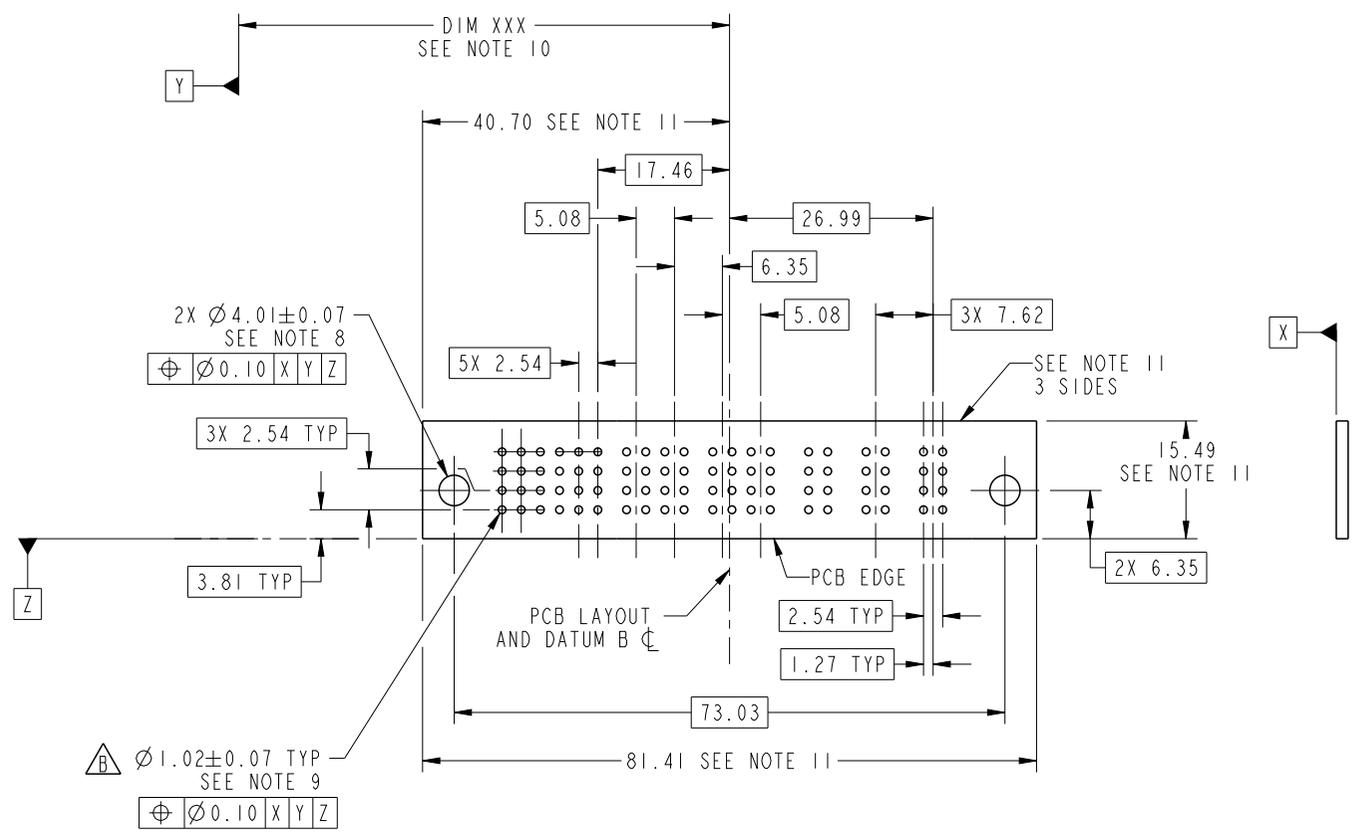


Copyright FCI.

dr	X Q Wang	2011/01/13	projection 	MM 	size	A4	scale	1:1
eng	Jackie Huang	2013/08/12			ecn no	ELX-DG-15464-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/08/13	product family	PwrBlade		rev	B	
		title	3ACP + 4P + 24S R/A SOLDER RECEPTACLE		dwg no	51866-048		
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 2 of 4		



Copyright FCI.



RECOMMENDED PCB LAYOUT

dr	X Q Wang	2011/01/13	projection 	MM 	size	A4	scale	1:1
eng	Jackie Huang	2013/08/12			ecn no	ELX-DG-15464-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/08/13	product family	PwrBlade		rev	B	
		title	3ACP + 4P + 24S R/A SOLDER RECEPTACLE		dwg no	51866-048		
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 3 of 4		

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 I0064183 FOR PLATING SPEC OF 51866-048 AND 51866-048LF 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.
 - 13. A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING DEVISION.

dr	X Q Wang	2011/01/13	projection 	MM 	size	A4	scale	1:1			
eng	Jackie Huang	2013/08/12			ecn no	ELX-DG-15464-1					
chr	-	-			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2013/08/13	FCj		title	3ACP + 4P + 24S R/A SOLDER RECEPTACLE		dwg no	51866-048	rev	B
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4				