

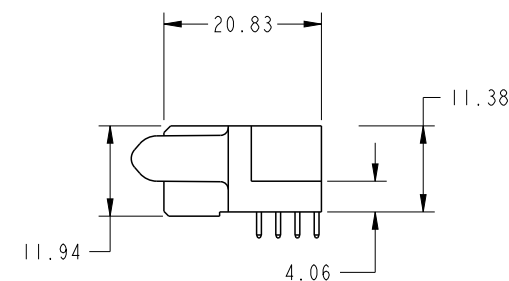
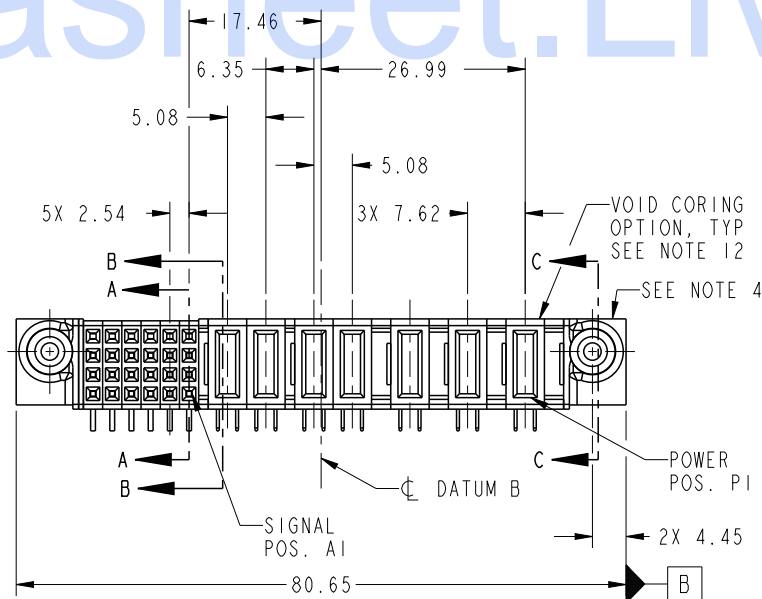


PRODUCT NO.	ROW S	SIGNAL							POWER							E1
		E2	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1	
51866-048-- NOTE 3	D C B A		H	H	H	H	H	H	PC	PC	PC	PC	PA	PC	PC	
			G	G	G	G	G	G								
			F	F	F	F	F	F								
			E	E	E	E	E	E								

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

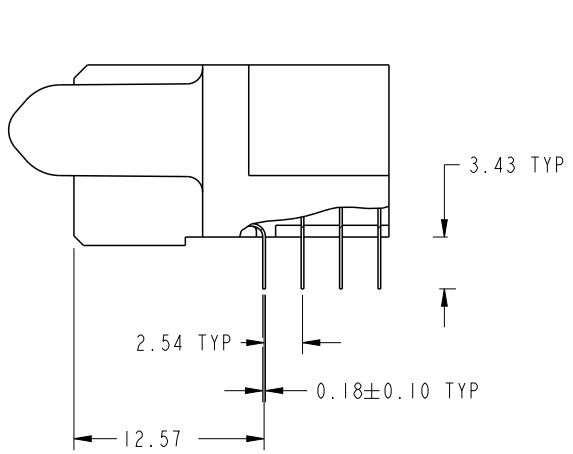
Datasheet.Live



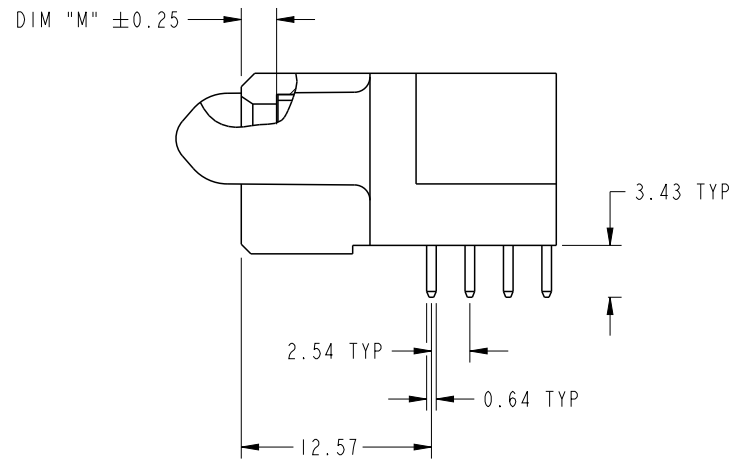
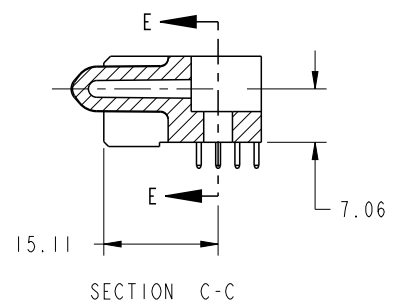
spec ref		SEE NOTES			dr		X Q Wang		2011/01/13		projection				size		A4		scale		1:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Jackie Huang		2013/08/12						ecn no		ELX-DG-15464-1												
					chr		-		-																				
					appr		Pei-Ming Zheng		2013/08/13								product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



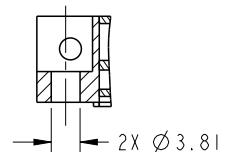
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BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

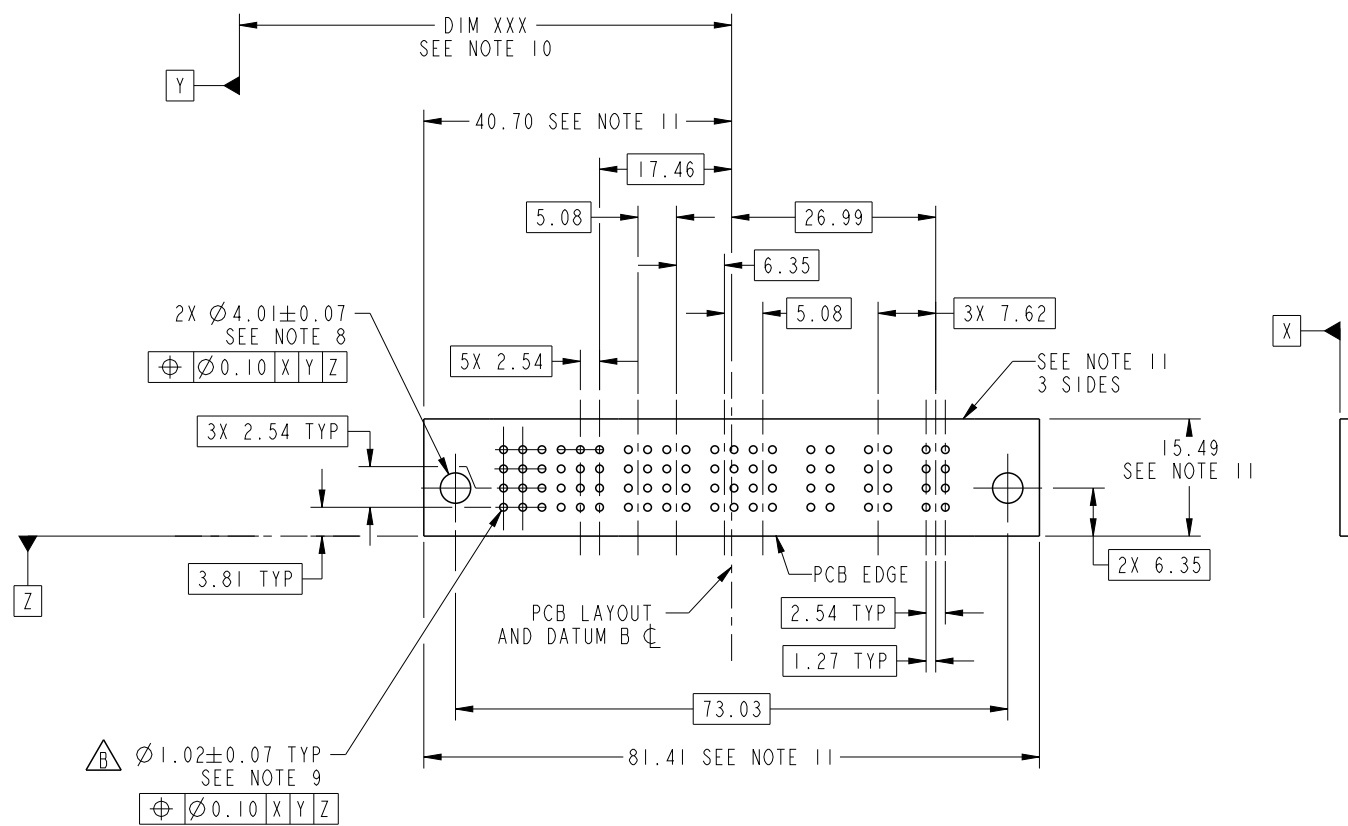


PARTIAL SECTION E-E

dr	X Q Wang	2011/01/13	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Jackie Huang	2013/08/12			ecn noELX-DG-15464-1			
chr	-	-						
appr	Pei-Ming Zheng	2013/08/13	product familyPwrBlade		rel levelReleased			
<div></div>		title3ACP + 4P +24S R/A SOLDER RECEPTACLE			dwg no51866-048		revB	
www.fci.com		cat. no.*		Product - Customer Drw			sheet 2 of 4	



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RECOMMENDED PCB LAYOUT

dr	X Q Wang	2011/01/13	<div>projection</div> <div></div>	<div>MM</div> <div></div>	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										
<div></div>		title			3ACP + 4P +24S			dwg no		51866-048		rev		B	
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 10064183 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  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	<div>projection</div> <div></div>	<div>MM</div> <div></div>	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						
		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		