














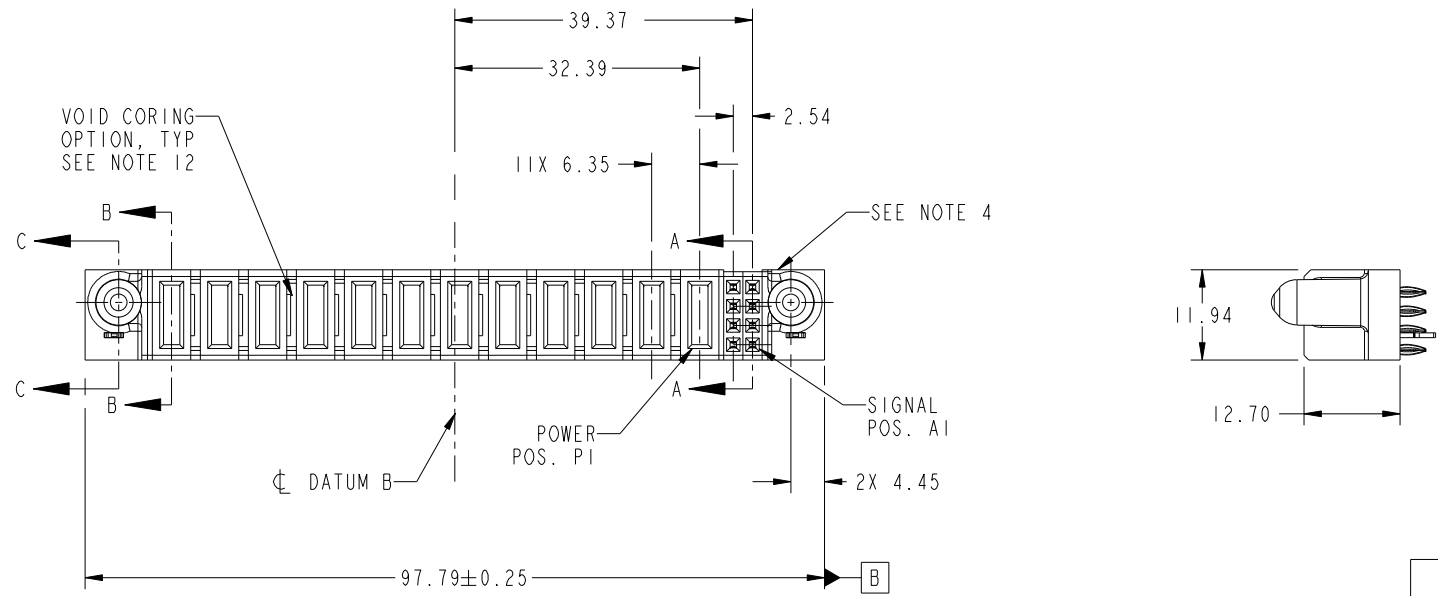







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PRODUCT NO.	ROWS	POWER														SIGNAL	
		E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	2 1	E1	
51751-026AU-- NOTE: 3	D C B A																



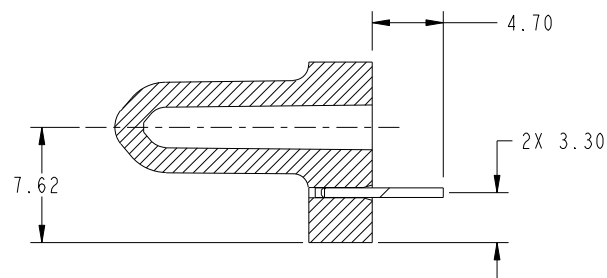
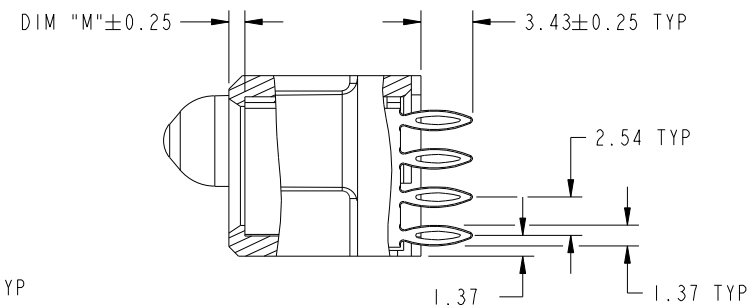
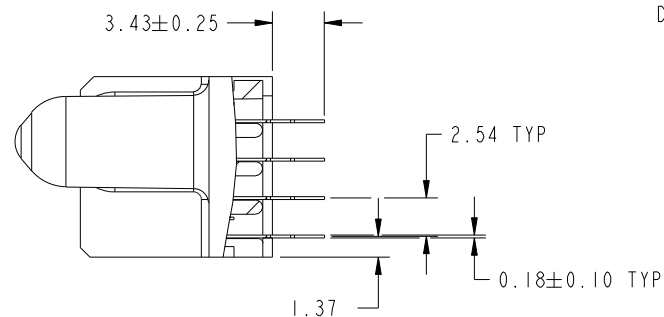
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

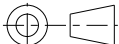


spec ref		*		dr	XQ Wang	2011-11-07	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	XQ WANG			2011-11-07	ecn no *			
SEE NOTE					chr	XQ WANG			2011-11-07	rel level Released			
					appr	PM ZHENG	2011-11-07	product family		PwrBlade			
surface ✓	linear	0.X	±0.5		title 8 S + 12 P VERTICAL PRESS-FIT RECEPT				dwg no	51751-026AU		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		

Print File - REV C - 2009-06-09

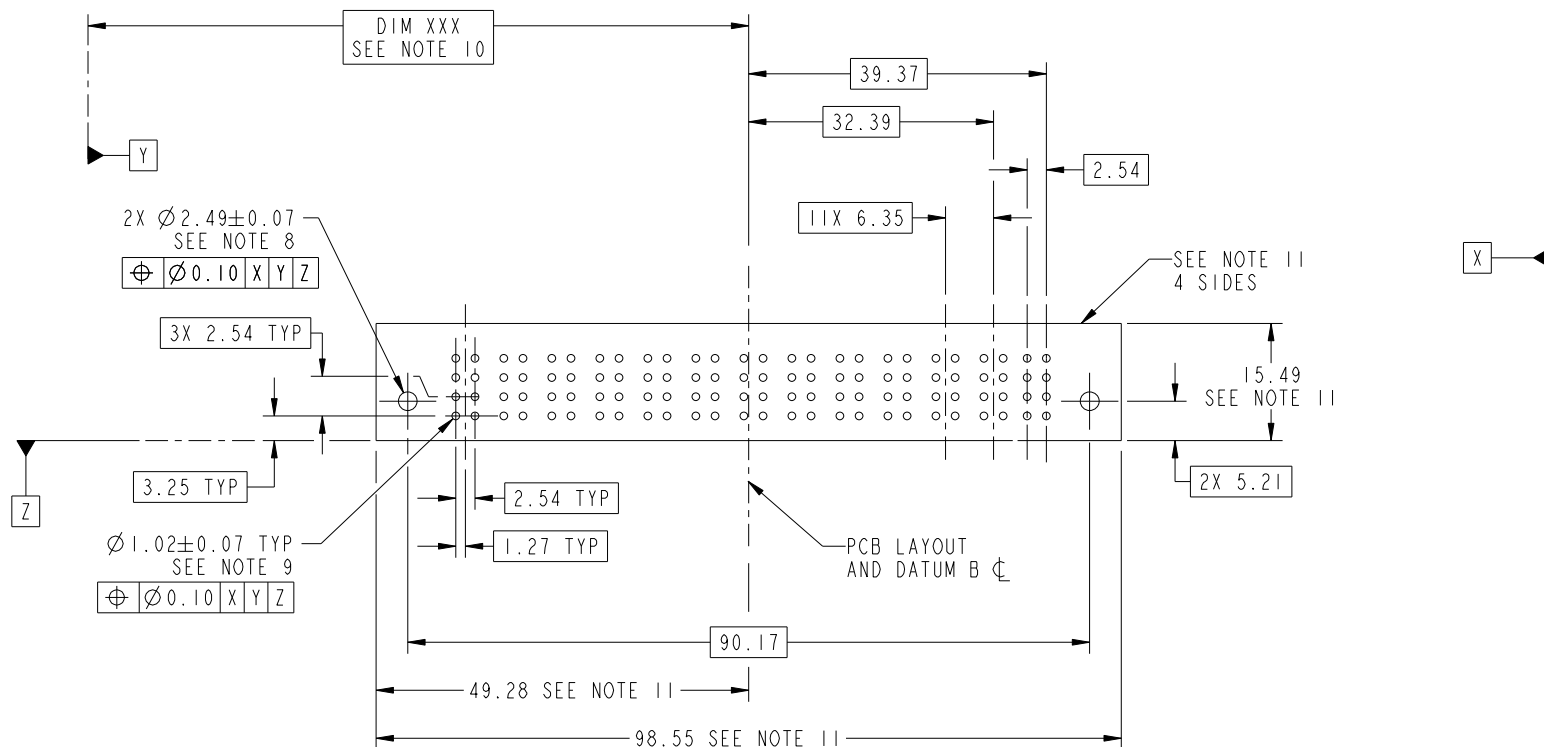
PRODUCT NUMBER

51751-026AU--  
NOTE: 3

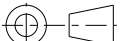




dr	XQ Wang	2011-11-07	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	XQ WANG	2011-11-07			ecn no				*
chr	XQ WANG	2011-11-07							
appr	PM ZHENG	2011-11-07	product family		PwrBlade	rel level	Released		
<div></div>		title 8 S + 12 P VERTICAL PRESS-FIT RECEPT			dwg no 51751-026AU		rev A		
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 2 of 4		

51751-026AU--  
NOTE: 3



## RECOMMENDED PCB LAYOUT

dr	XQ Wang	2011-11-07	<div>projection</div> 	<div>MM</div> 	size	A4	scale	1:1			
eng	XQ WANG	2011-11-07			ecn no	*					
chr	XQ WANG	2011-11-07			rel level	Released					
appr	PM ZHENG	2011-11-07	product family	PwrBlade							
		title			8 S + 12 P		dwg no		51751-026AU	rev	A
VERTICAL PRESS-FIT RECEPT											
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 3 of 4		

## PRODUCT NUMBER

51751-026AU--  
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. PLATING:

51741-10000812CAAU :

Signal Pin: 50u"/1.27um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

Power Pin: 50u"/1.27um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 50u"/1.27um ~ 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51741-10000812CAULF :

Signal Pin: 50u"/1.27um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

Power Pin: 50u"/1.27um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 50u"/1.27um ~ 100u"/2.54um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

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.

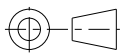


⑨  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH

0.008 MIN SnPb OR Sn OVER 0.03  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  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.

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		title 8 S + 12 P VERTICAL PRESS-FIT RECEPT			dwg no	51751-026AU	rev	A
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4	