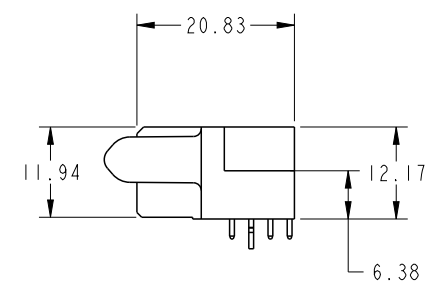
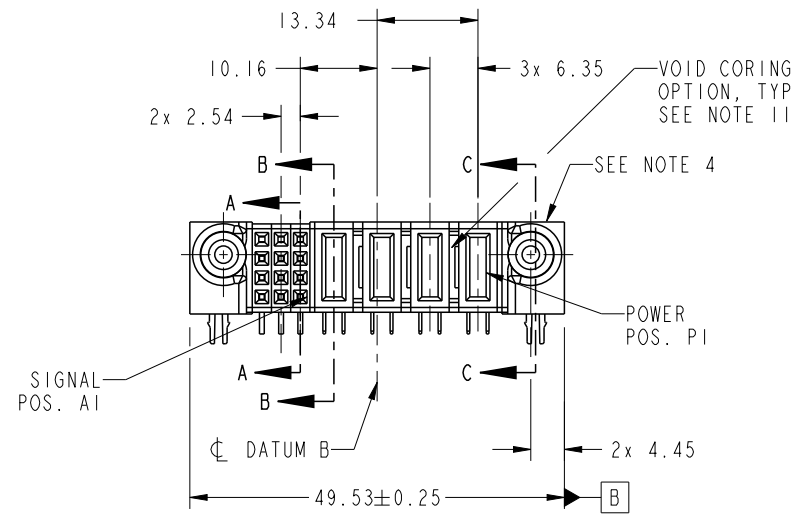




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PRODUCT NO. 51915-406-- NOTE 3	ROWS D C B A	SIGNAL				POWER				
		E2	3	2	1	P4	P3	P2	P1	E1
		HHH	GGG	FFF	EEE	PA	PA	PA	PA	



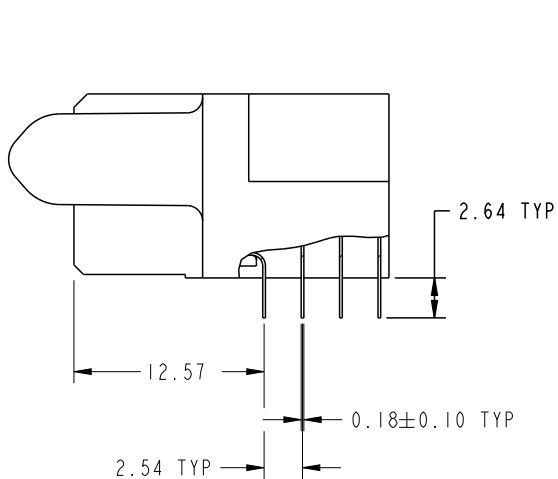
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

spec ref	SEE NOTES			dr	Ruan MT	2013/06/05	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2013/10/18			ecn no	-		
SEE NOTES				chr	-	-			rel level	Released		
surface	linear	0.X	±0.50	appr	Pei-Ming Zheng	2013/10/18	product family	PwrBlade	rev	A		
		0.XX	±0.25				title	4P + 12S	dwg no	51915-406		
		0.XXX	±0.10					R/A SOLDER RECEPTACLE				
	angular	0°	±2°				cat. no.	Product - Customer Drw		sheet 1 of 4		

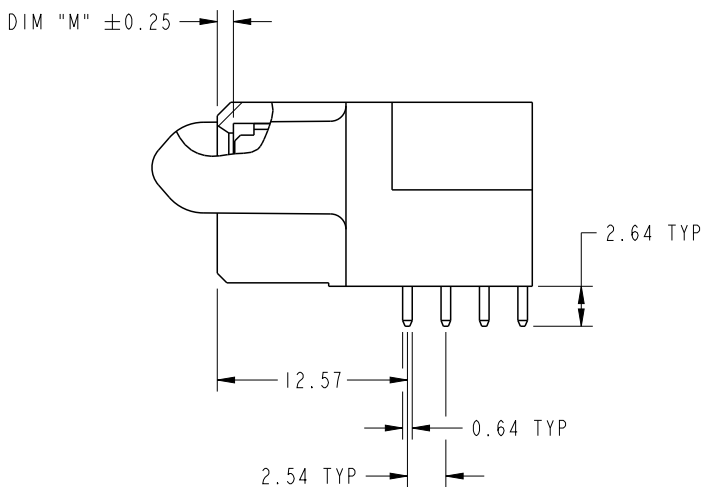
PreE File - REV C - 2009-06-09

PRODUCT NUMBER

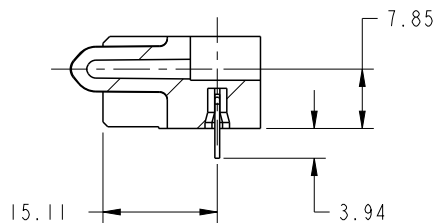
51915-406\_\_  
NOTE 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1

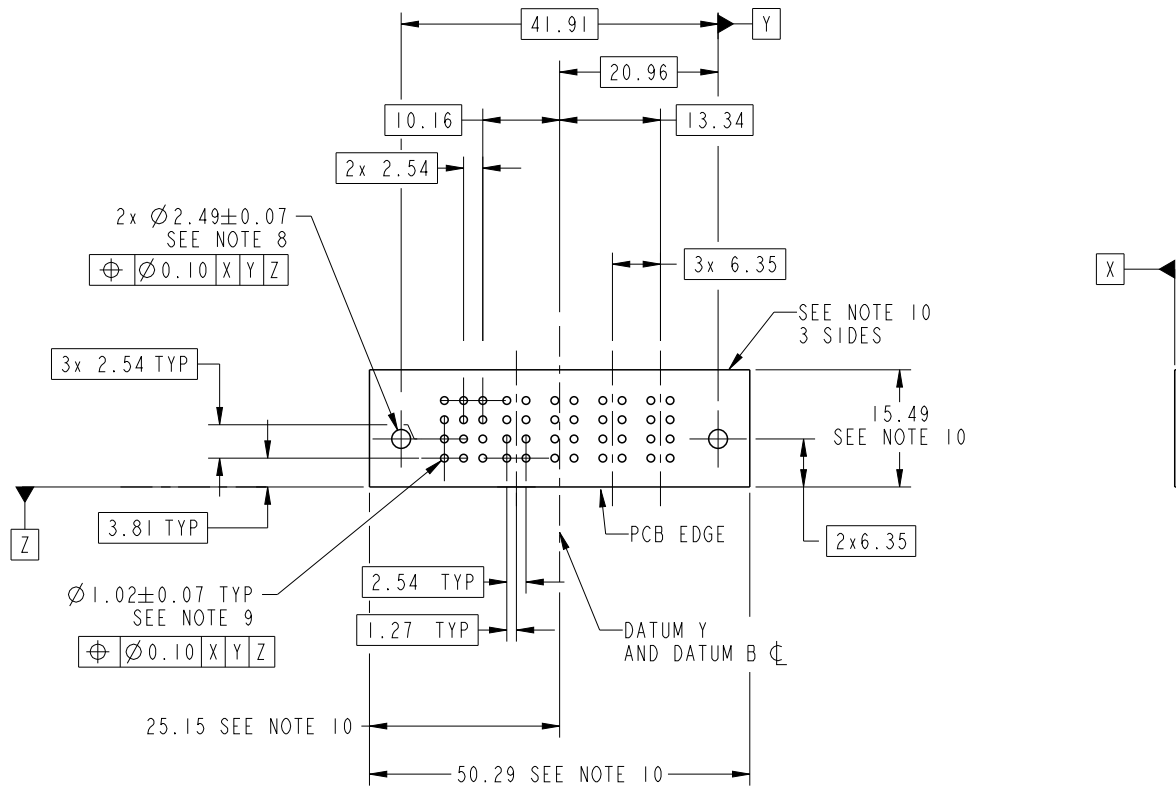


SECTION C-C

dr	Ruan MT	2013/06/05	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/10/18			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/10/18	product family	PwrBlade				
		title 4P + 12S R/A SOLDER RECEPTACLE	dwg no 51915-406	rev A				
www.fci.com		cat. no.	Product - Customer Drw		sheet 2 of 4			

PRODUCT NUMBER

51915-406\_\_  
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/06/05	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/10/18			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/10/18	product family	PwrBlade	rel level	Released		
	title	4P + 12S		dwg no	51915-406		rev	A
www.fci.com	cat. no.	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER

51915-406\_\_  
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 51915-406 AND 51915-406LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK 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. CONNECTOR KEEP-OUT ZONE.

11. 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	Ruan MT	2013/06/05	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/10/18			ecn no	-		
chr	-	-			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2013/10/18			title 4P + 12S R/A SOLDER RECEPTACLE	dwg no 51915-406	rev A	
www.fci.com		cat. no.	Product - Customer Drw			sheet 4 of 4		



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