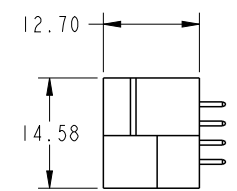
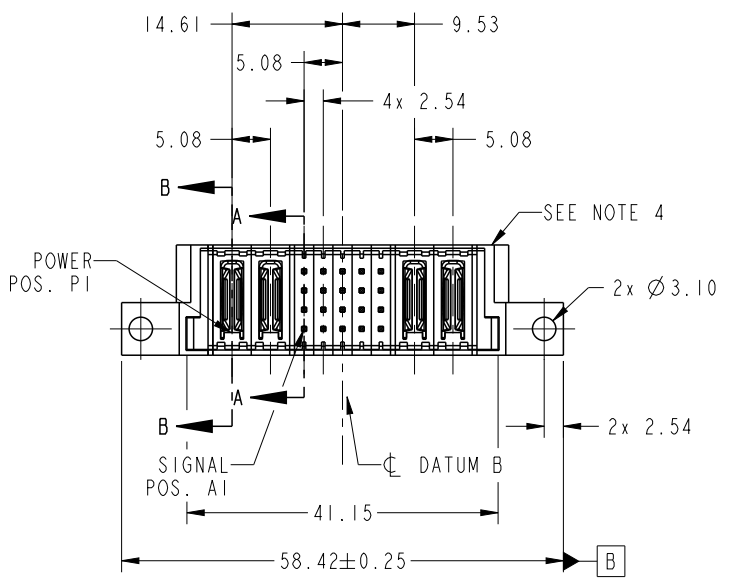
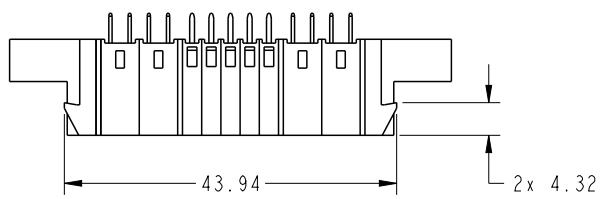


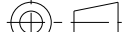


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PRODUCT NO.	ROWS	POWER		SIGNAL					POWER			
		E1	P1	P2	1	2	3	4	5	P3	P4	E2
51963-089-- NOTE③	D C B A		PA	PA	E	E	E	E	E	PA	PA	

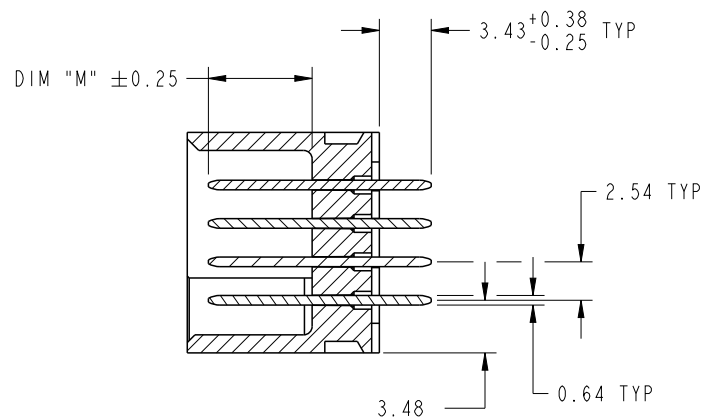


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
E	[6.86]	SIGNAL

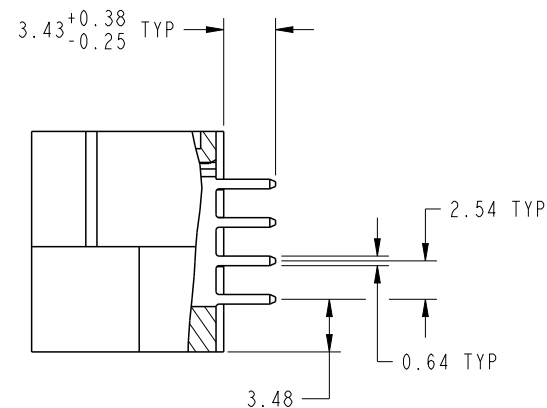
spec ref		See Notes		dr	Luo Weller	2014/08/04	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Luo Weller	2014/09/16			ecn no				-
See Notes				chr	-	-			rel level				Released
				appr	Pei-Ming Zheng	2014/09/16	product family		PwrBlade				
surface 	linear	0.X	±0.50		title 2DCP + 20S + 2DCP VERTICAL SOLDER HEADER			dwg no	51963-089		rev A		
		0.XX	±0.25										
		0.XXX	±0.10										
	angular	0°	±2°	www.fci.com	cat. no.		&model_name		Product - Customer Drw			sheet 1 of 4	

PRODUCT NUMBER

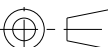
51963-089--
NOTE 3



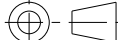
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1

dr	Luo Weller	2014/08/04	projection 	MM 	size	A4	scale	1:1		
eng	Luo Weller	2014/09/16			ecn no		rel level	Released		
chr	-	-								
appr	Pei-Ming Zheng	2014/09/16	product family			PwrBlade				
		title			dwg no		rev			
2DCP + 20S + 2DCP			51963-089		A					
VERTICAL SOLDER HEADER										
www.fci.com	cat. no.		&model_name	Product - Customer Drw			sheet 2 of 4			



dr	Luo Weller	2014/08/04	projection 	MM 	size	A4	scale	1:1	
eng	Luo Weller	2014/09/16			ecn no				-
chr	-	-			rel level				Released
appr	Pei-Ming Zheng	2014/09/16	product family		PwrBlade				
	title2DCP + 20S + 2DCP VERTICAL SOLDER HEADER				dwg no51963-089			rev	
								A	
www.fci.com	cat. no.		&model_name		Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER
51963-089--
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51963-089 AND 51963-089LF 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 .001 [0.03]
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- 10 CONNECTOR KEEP-OUT ZONE.
- 11. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

dr	Luo Weller	2014/08/04	projection	MM	size	A4	scale	1:1			
eng	Luo Weller	2014/09/16			ecn no -						
chr	-	-									
appr	Pei-Ming Zheng	2014/09/16	product family		PwrBlade	rel level			Released		
	title				2DCP + 20S + 2DCP		dwg no		51963-089	rev	A
www.fci.com		cat. no.		&model_name		Product - Customer Drw			sheet 4 of 4		