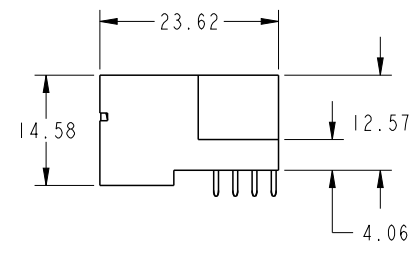
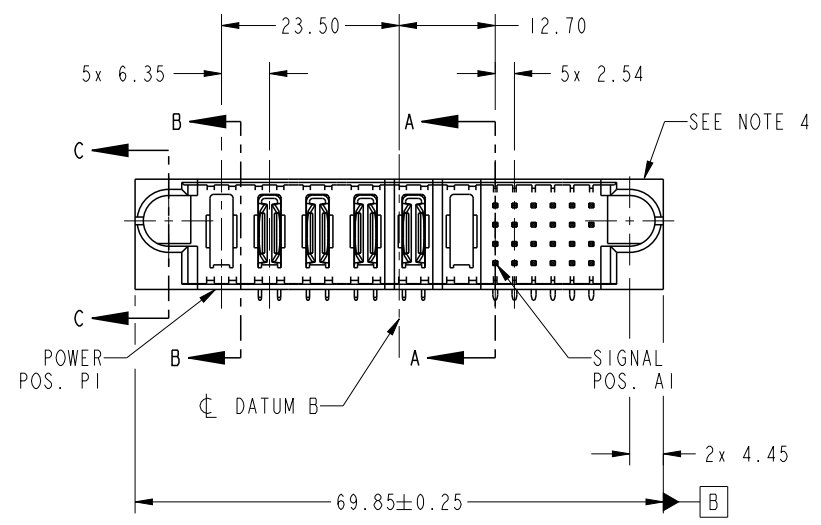


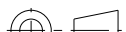


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PRODUCT NO.	ROW S	POWER						SIGNAL						E2	
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5		6
51939-742-- NOTE 3	D C B A		X	PA	PA	PA	PA	X	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	
									UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	



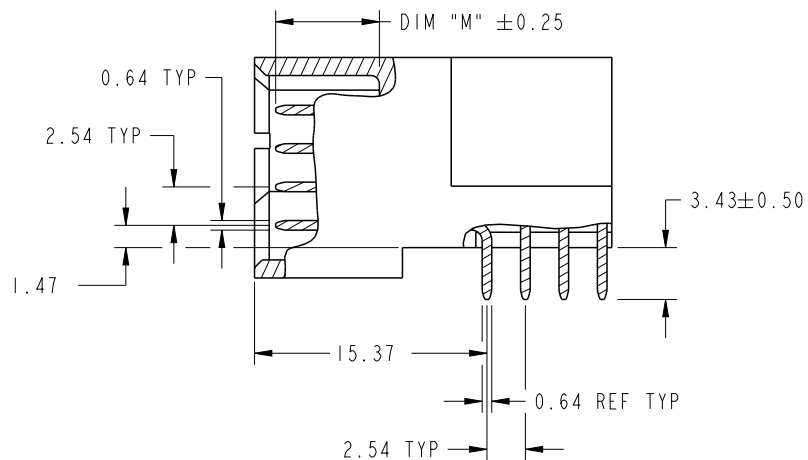
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
X	OMITTED	OMITTED

spec ref *		dr		Luo Weller	2013/03/05	projection 	MM 	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller			2013/03/26	ecn no		-	
SEE NOTE				chr	-			-	rel level		Released	
		appr		Pei-Ming Zheng	2013/03/26	product family		PwrBlade				
surface ✓	linear	0.X	±0.5		title	6P+24S RIGHT ANGLE SOLDER HEADER		dwg no	51939-742		rev	A
		0.XX	±0.25									
		0.XXX	±0.1									
	angular	0°	±2°									

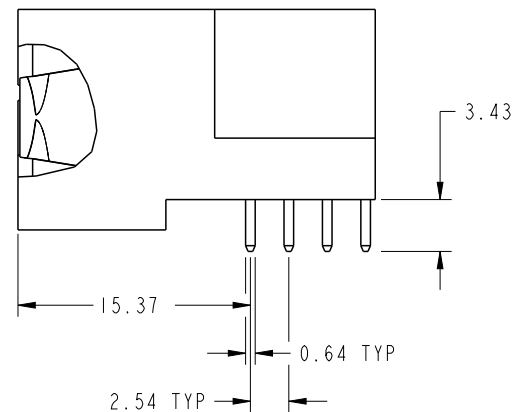
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

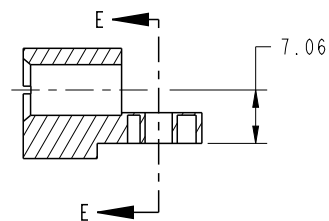
51939-742--
NOTE: 3



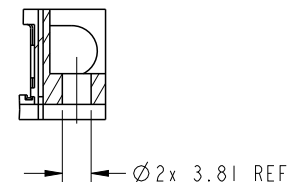
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

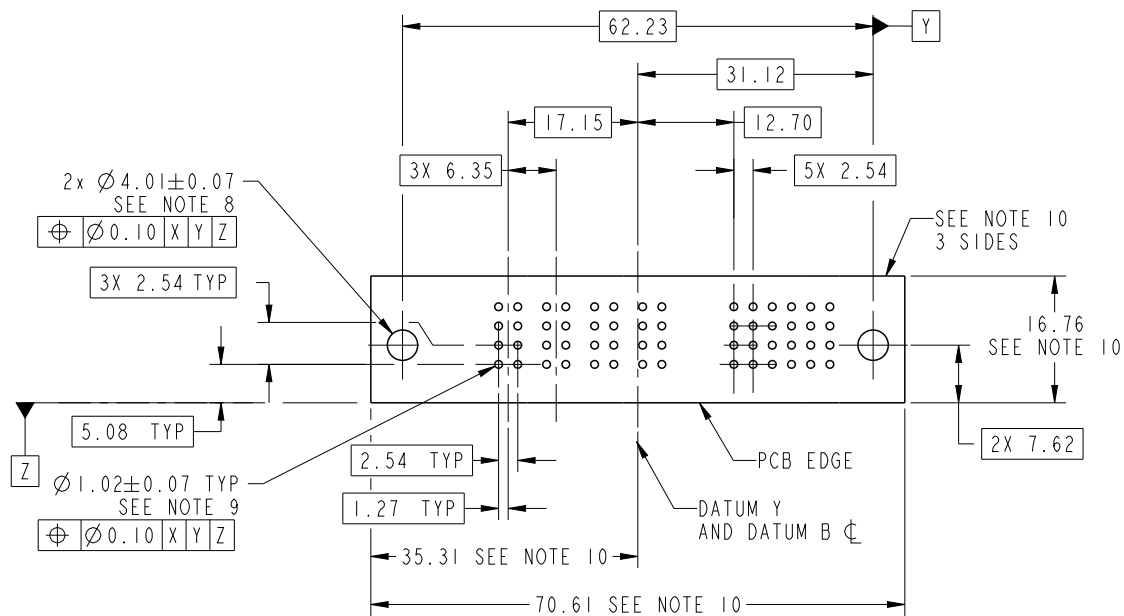


PARTIAL SECTION E-E

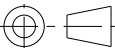
dr	Luo Weller	2013/03/05	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/03/26			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/03/26	product family	PwrBlade				
FCI		title	6P+24S RIGHT ANGLE SOLDER HEADER		dwg no	51939-742		rev
www.fci.com		cat. no.	-	Product - Customer Drw	sheet 2 of 4		A	

PRODUCT NUMBER

51939-742--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/03/05	projection 	MM 	size	A4	scale	1:1	
eng	Luo Weller	2013/03/26			ecn no				-
chr	-	-			rel level				Released
appr	Pei-Ming Zheng	2013/03/26	product family		PwrBlade				
	title 6P+24S RIGHT ANGLE SOLDER HEADER				dwg no 51939-742		rev		
							A		
www.fci.com	cat. no.		-	Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER
51939-742--
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 51939-742 AND 51939-742LF 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
 $\varnothing 1.02 \pm 0.07$ HOLE.
- 10. CONNECTOR KEEP-OUT ZONE.

dr	Luo Weller	2013/03/05	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/03/26			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2013/03/26	product family		PwrBlade	rel level		Released
	title				dwg no		rev	
	6P+24S				51939-742		A	
	RIGHT ANGLE SOLDER HEADER							
www.fci.com	cat. no.		-	Product - Customer Drw			sheet 4 of 4	