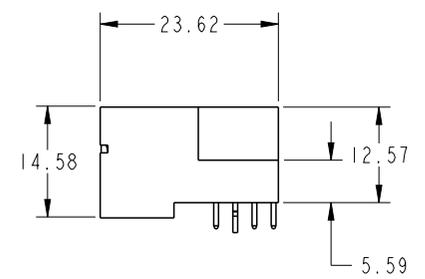
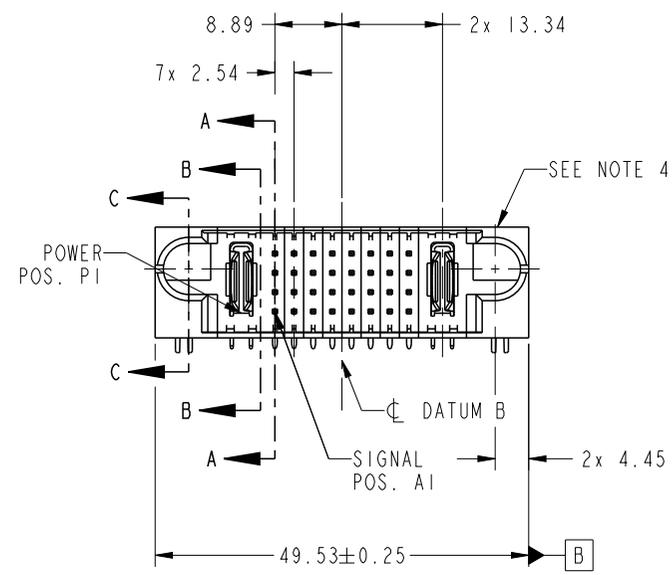


PRODUCT NO.	ROWS	POWER SIGNAL POWER										
		E1	P1	1	2	3	4	5	6	7	8	P2
51730-240LF	DCBA			UUUUUUUUU	TTTTTTTTT	SSSSSSSSS	RRRRRRRRR					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN



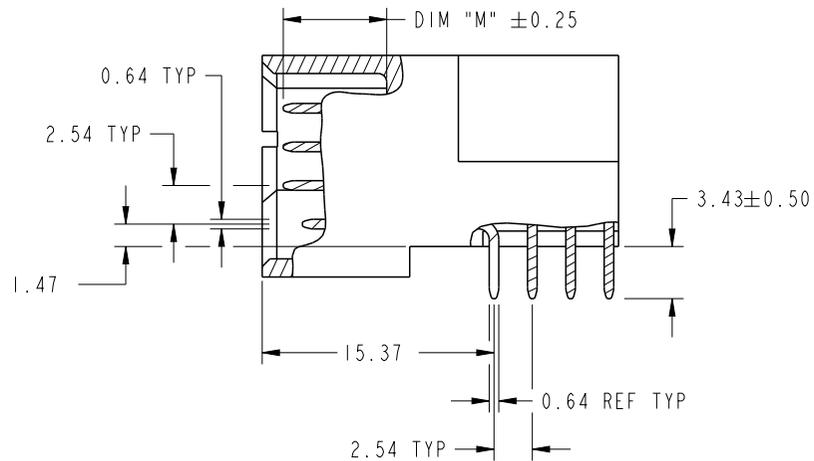
Copyright FCI.

spec ref	*	dr	De-Ming Lu	2015/11/25	projection 	MM ←→	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2015/12/03			ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Fancy Zhang	2015/12/03			rel level	Released		
surface	✓	appr	Pei-Ming Zheng	2015/12/03	product family	PwrBlade	rev			
ASME Y14.5	linear	0.X	±0.5	 www.fci.com	title	IP + 32S + IP	dwg no	51730-240	rev	A
		0.XX	±0.25		cat. no.	-	Product - Customer Drw	sheet	1 of 4	
	angular	0°	±2°							

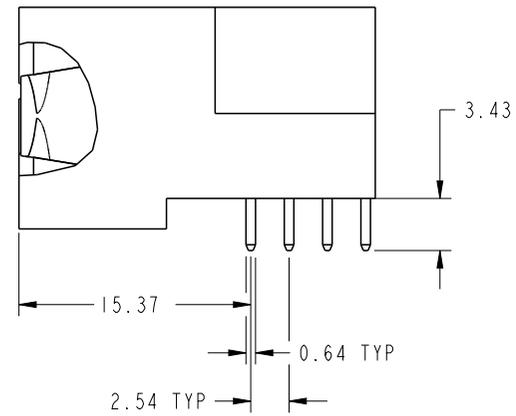
PrdE File - REV C - 2009-06-09

PRODUCT NUMBER

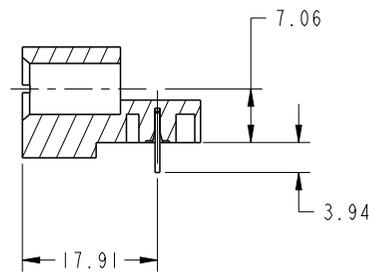
51730-240LF



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

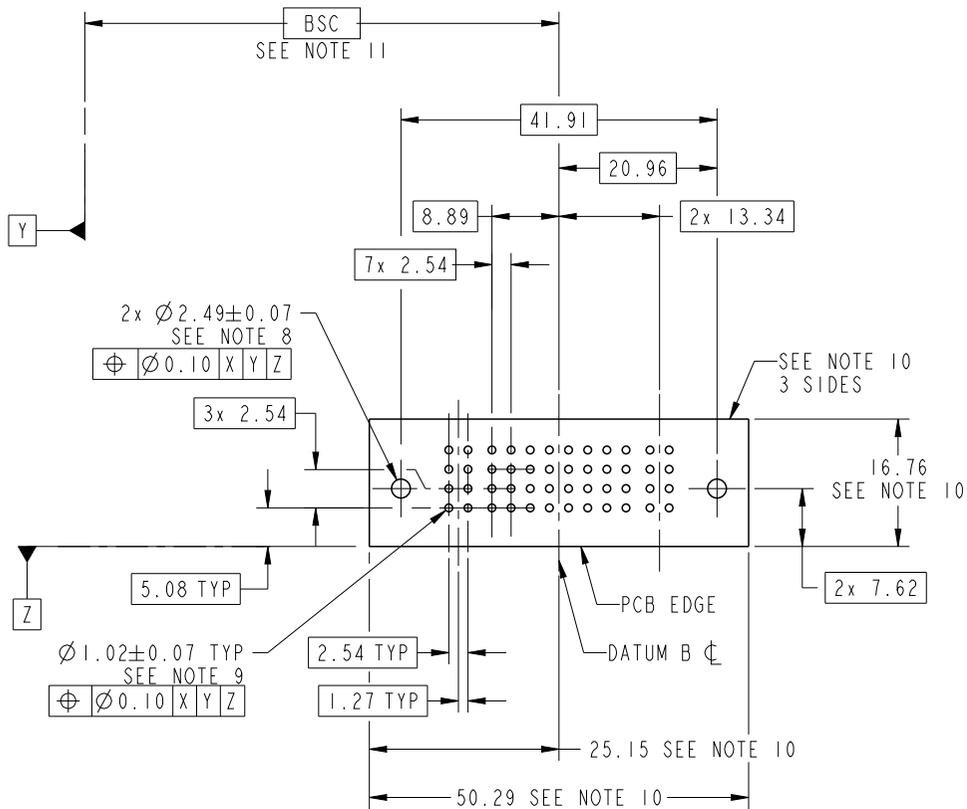


SECTION C-C

dr	De-Ming Lu	2015/11/25	projection 	MM ←————→	size	A4	scale	1:1
eng	De-Ming Lu	2015/12/03			ecn no	-		
chr	Fancy Zhang	2015/12/03			rel level	Released		
appr	Pei-Ming Zheng	2015/12/03	product family	PwrBlade	rev	A		
	title	IP + 32S + IP RIGHT ANGLE SOLDER HEADER		dwg no	51730-240			
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4				

PRODUCT NUMBER

51730-240LF



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2015/11/25	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2015/12/03			ecn no	-		
chr	Fancy Zhang	2015/12/03			rel level	Released		
appr	Pei-Ming Zheng	2015/12/03	product family	PwrBlade	rev	A		
	title	IP + 32S + IP		dwg no	51730-240			
www.fci.com	cat. no.	-		Product - Customer Drw	sheet 3 of 4			
			RIGHT ANGLE SOLDER HEADER					

PRODUCT NUMBER

51730-240LF

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 FCI PLATING SPEC 10064183.
- 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.
- 11. DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.

dr	De-Ming Lu	2015/11/25	projection 	MM 	size	A4	scale	1:1			
eng	De-Ming Lu	2015/12/03			ecn no	-					
chr	Fancy Zhang	2015/12/03			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2015/12/03	FCj		title	IP + 32S + IP		dwg no	51730-240	rev	A
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 4				



Copyright FCI.