

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
SA	[6.86]	SIGNAL
SB	[6.86]	SIGNAL
SC	[6.86]	SIGNAL
SD	[6.86]	SIGNAL
PX	[N/A]	POWER
LA	[5.59]	SIGNAL
LB	[5.59]	SIGNAL
LC	[5.59]	SIGNAL
LD	[5.59]	SIGNAL

spec ref	*	dr	Ruan MT	2014/11/23	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2014/12/26			ecn no	-	rel level	Released
ASME Y14.5		chr	-	-						
surface	linear	appr	Pei-Ming Zheng	2014/12/26	product family	PwrBlade		rev	A	
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4	
					title 12P + 120S RIGHT ANGLE PF HEADER		dwg no 51732-090			

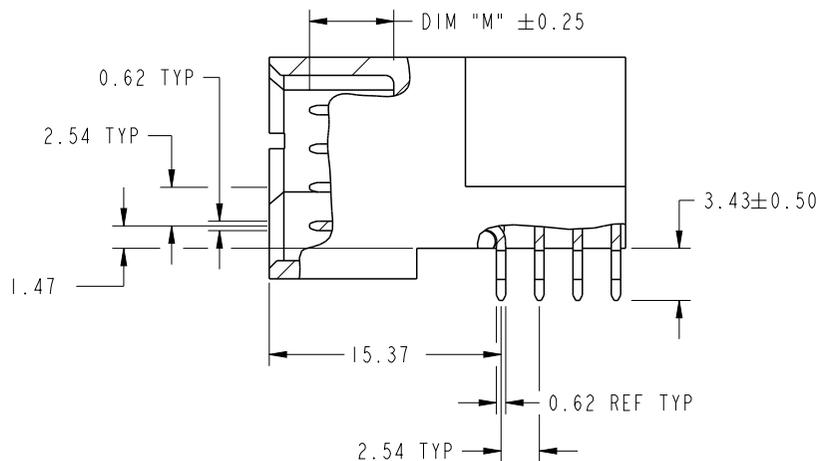


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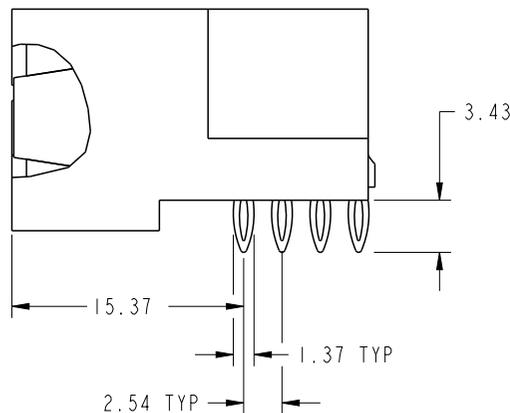
Prod File - REV C - 2009-06-09

PRODUCT NUMBER

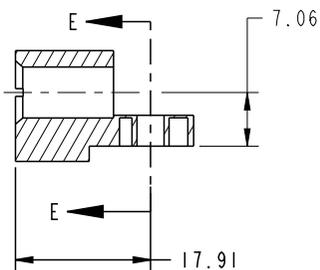
51732-090--
NOTE: 3



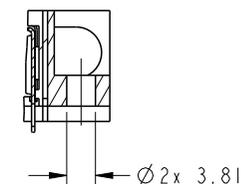
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

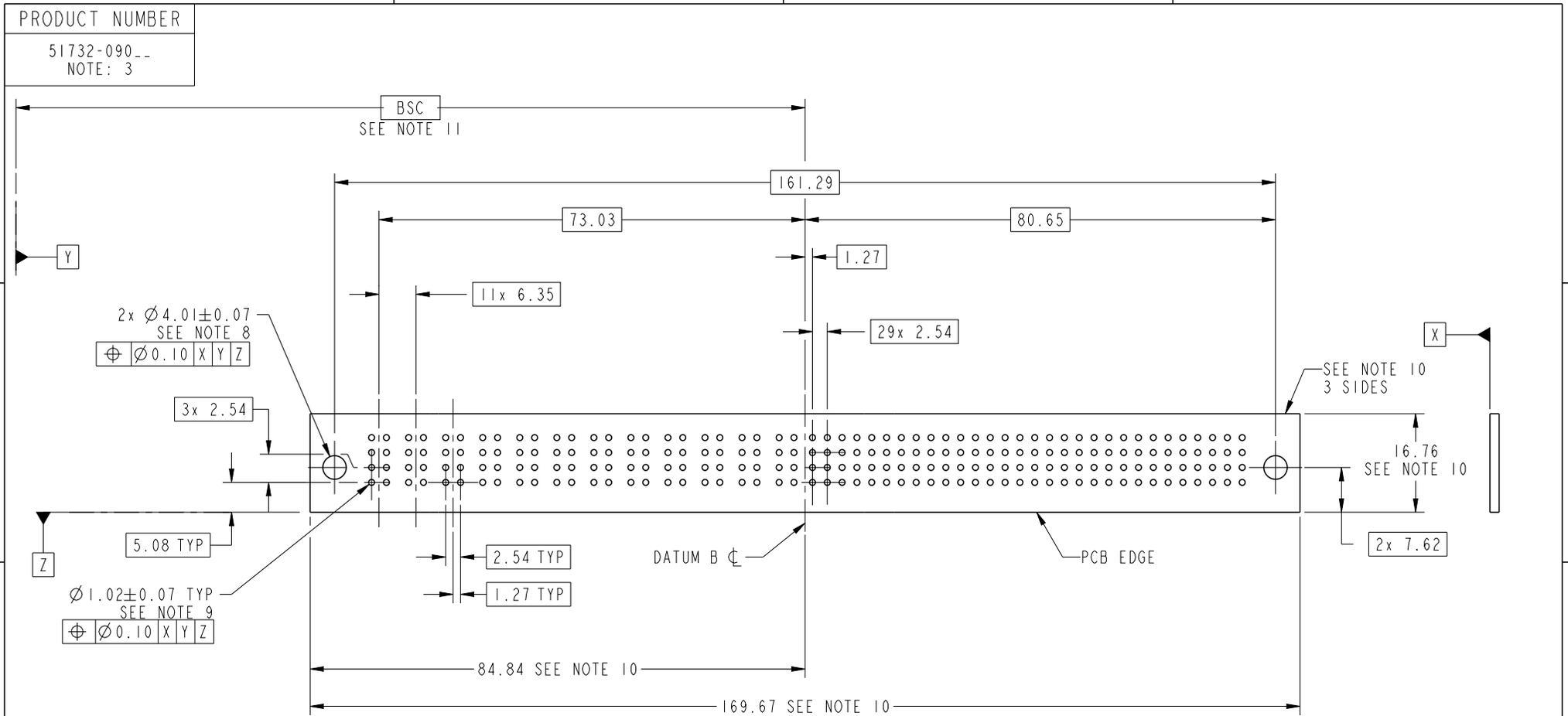


PARTIAL SECTION E-E

dr	Ruan MT	2014/11/23	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/12/26			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/26	product family	PwrBlade				
	title	12P + 120S RIGHT ANGLE PF HEADER		dwg no	51732-090		rev	A
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RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/11/23	projection 	MM ←→	size	A4	scale	1:1	
eng	Ruan MT	2014/12/26			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2014/12/26	product family	PwrBlade					
		title	12P + 120S RIGHT ANGLE PF HEADER		dwg no	51732-090		rev	A
www.fci.com		cat. no.	-		Product - Customer Drw			sheet 3 of 4	

PrdE File - REV C - 2009-06-09

PRODUCT NUMBER

51732-090--
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51732-090 AND 51732-090LF 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.
- 11. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

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eng	Ruan MT	2014/12/26			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/12/26	product family	PwrBlade	rel level	Released			
	title	12P + 120S RIGHT ANGLE PF HEADER			dwg no	51732-090		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4			



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