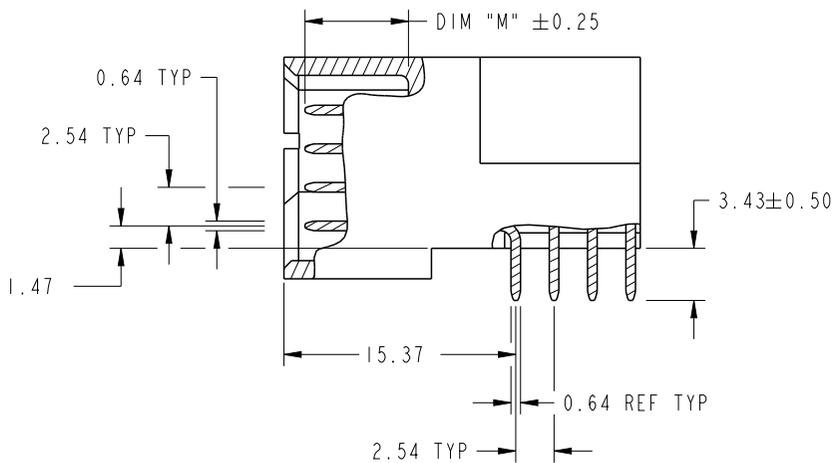


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

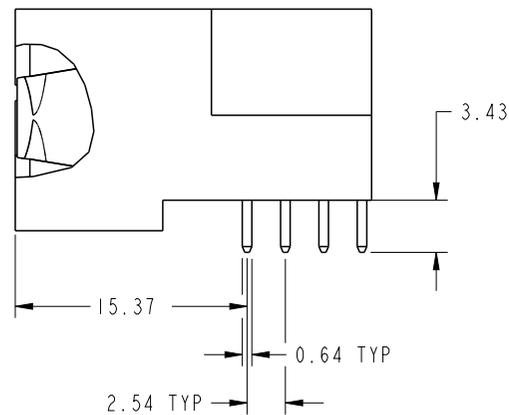
spec ref	*	dr	Julia Wang	2014/09/01	projection	MM	size	A4	scale	1:1	
tolerance std	ASME Y14.5	eng	De-Ming Lu	2014/09/27			ecn no	-	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-							
surface	linear	appr	Pei-Ming Zheng	2014/09/27	product family	PwrBlade					
ASME Y14.5	angular			title	2P + 24S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51730-233		rev	A
		0.X	±0.5	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4			
		0.XX	±0.25								
		0.XXX	±0.1								
		0°	±2°								

PRODUCT NUMBER

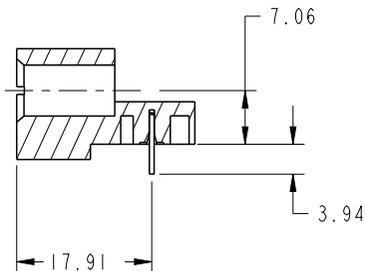
51730-233--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1

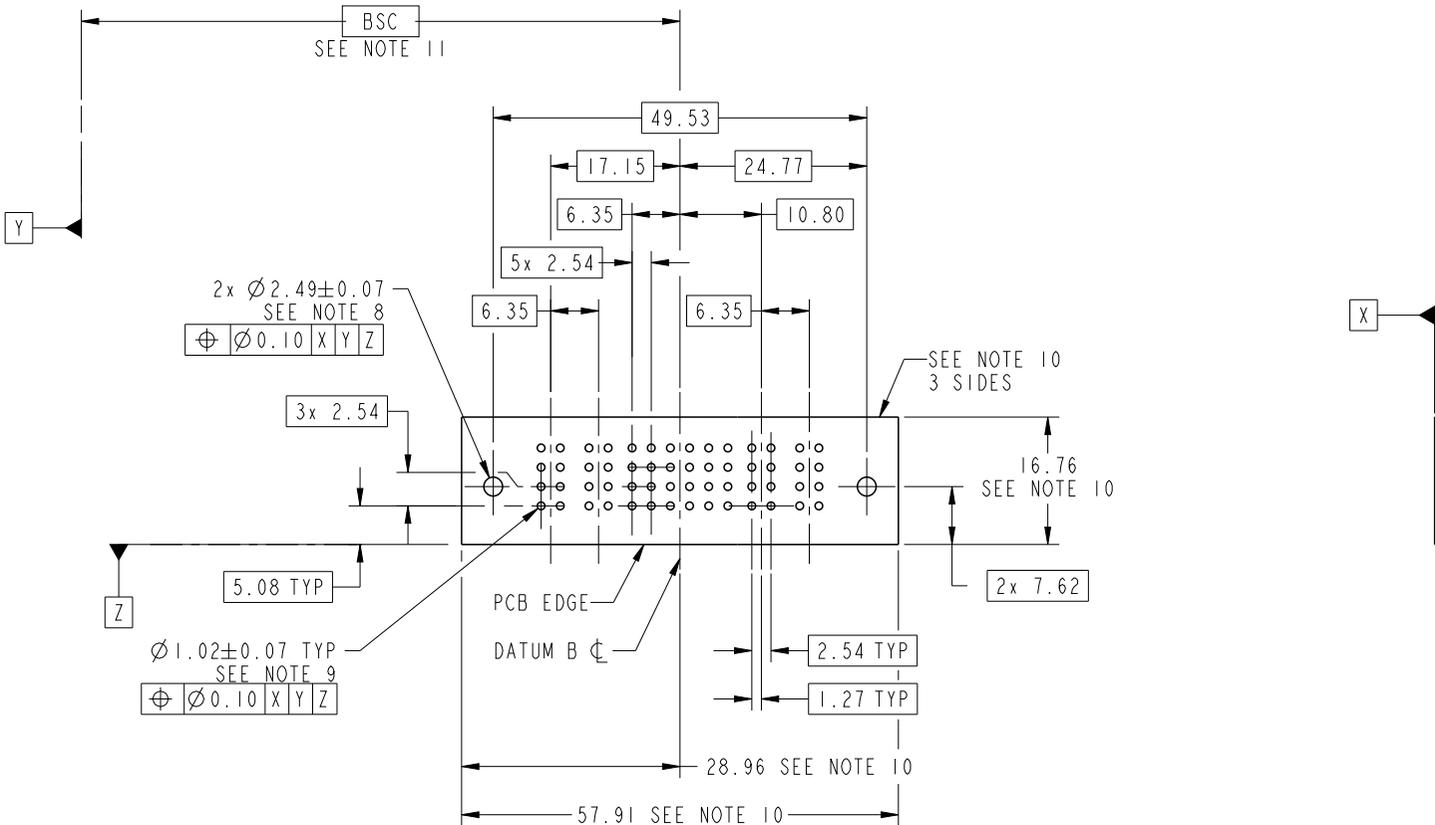


SECTION C-C

dr	Julia Wang	2014/09/01	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2014/09/27			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/09/27	product family	PwrBlade	rev	A		
		title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER	dwg no 51730-233	cat. no. -	Product - Customer Drw	sheet 2 of 4		

PRODUCT NUMBER

51730-233\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Julia Wang	2014/09/01	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2014/09/27			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/09/27	product family	PwrBlade	rev	A		
	title	2P + 24S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51730-233			
www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 4			

PRODUCT NUMBER

51730-233\_\_  
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 51730-233 AND 51730-233LF 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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dr	Julia Wang	2014/09/01	projection 	MM 	size	A4	scale	1:1			
eng	De-Ming Lu	2014/09/27			ecn no	-					
chr	-	-			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2014/09/27			title	2P + 24S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51730-233	rev	A
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 4				