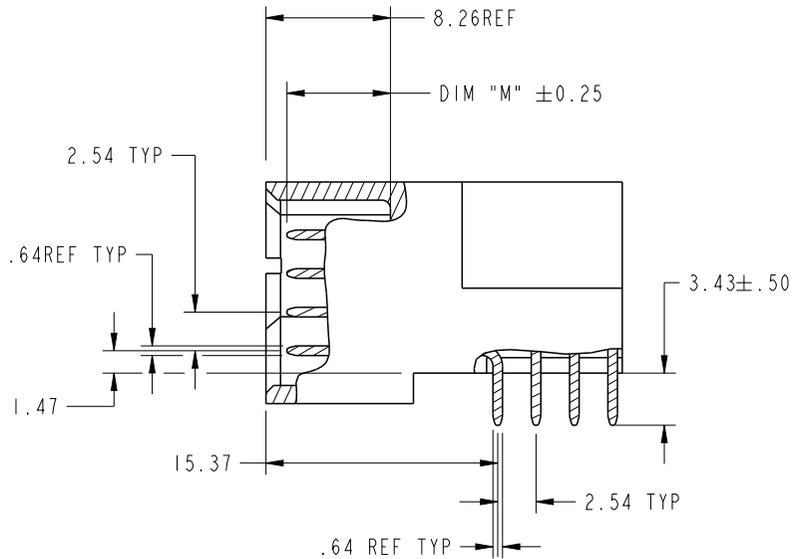


CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
U	.270	[6.86]	SIGNAL
T	.270	[6.86]	SIGNAL
S	.270	[6.86]	SIGNAL
R	.270	[6.86]	SIGNAL
H	.220	[5.59]	SIGNAL
G	.220	[5.59]	SIGNAL
F	.220	[5.59]	SIGNAL
E	.220	[5.59]	SIGNAL
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN
X	OMITTED		OMITTED

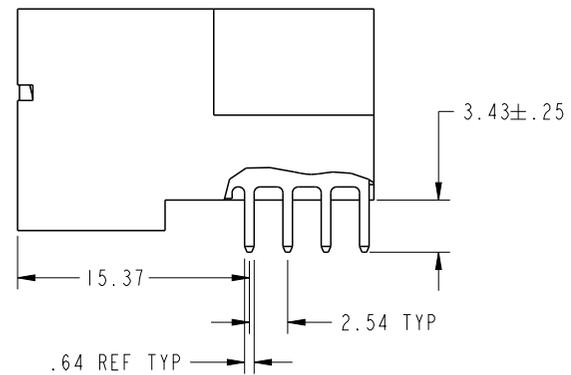
spec ref	*	dr	Luo Weller	2013/10/17	projection 	MM ←→	size	A4	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2013/11/12			ecn no	-						
SEE NOTE		chr	-	-										
surface	linear	0.X	±0.3	FCI www.fci.com	product family	PwrBlade	rel level	Released	title	8P + 40S RIGHT ANGLE SOLDER HEADER	dwg no	51732-029PGSA	rev	A
		0.XX	±0.25											
		0.XXX	±0.1											
	angular	0°	±2°	cat. no.	*	Product - Customer Drw	sheet 1 of 4							

PRODUCT NUMBER

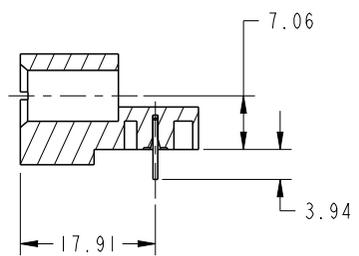
51732-029PGSA--
NOTE (3)



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



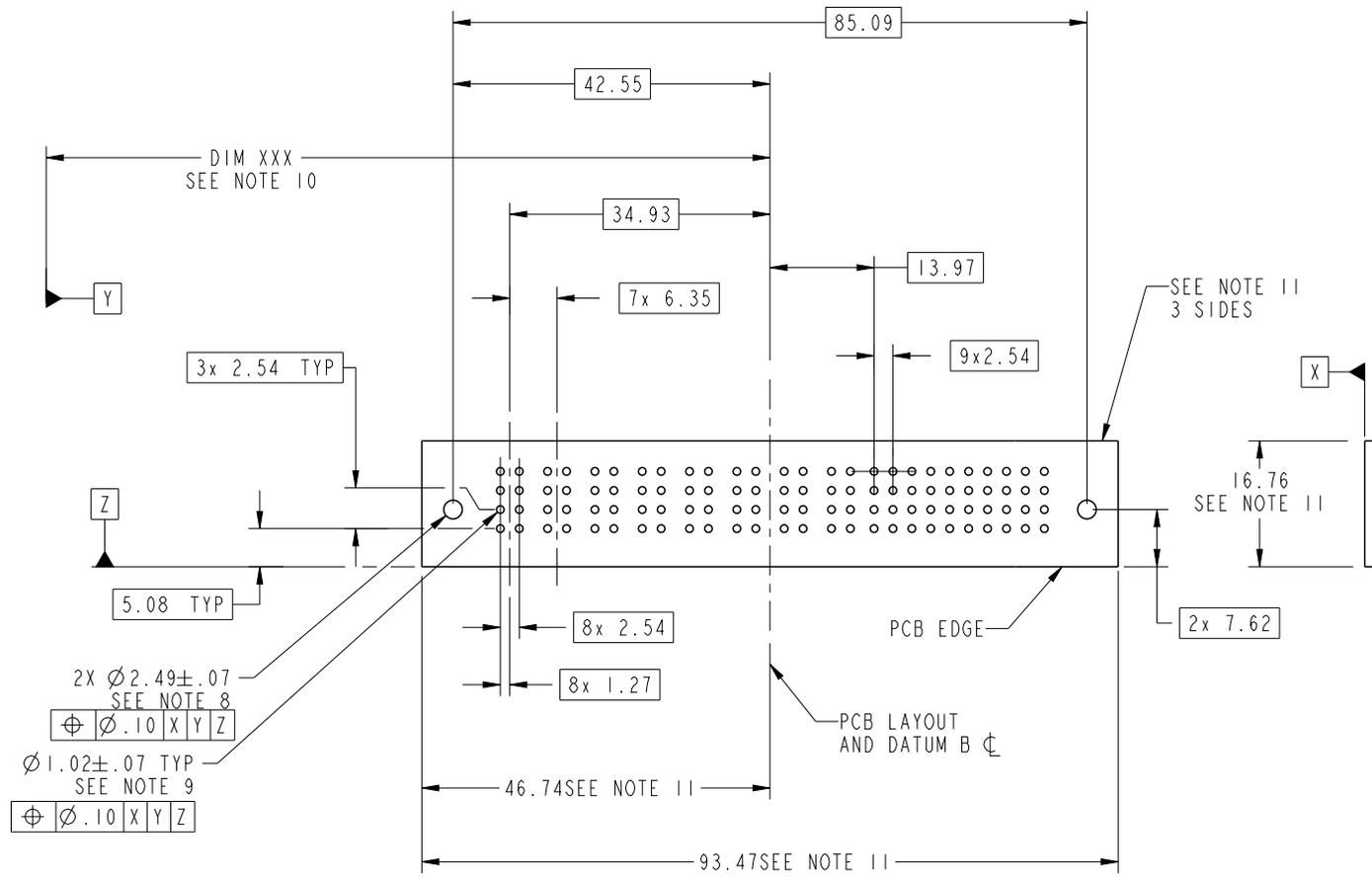
SECTION C-C



Copyright FCI.

dr	Luo Weller	2013/10/17	projection 	MM 	size	A4	scale	1:1
eng	Luo Weller	2013/11/12			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/11/12	product family	PwrBlade				
		title 8P + 40S RIGHT ANGLE SOLDER HEADER	dwg no 51732-029PGSA	rev A				
www.fci.com		cat. no.	*	Product - Customer Drw	sheet 2 of 4			

PRODUCT NUMBER
51732-029PGSA__
NOTE (3)



RECOMMENDED PCB LAYOUT



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dr	Luo Weller	2013/10/17	projection 	MM 	size	A4	scale	1:1
eng	Luo Weller	2013/11/12			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/11/12	product family	PwrBlade	rev	A		
	title	8P + 40S RIGHT ANGLE SOLDER HEADER		dwg no	51732-029PGSA			
www.fci.com	cat. no.	*	Product - Customer Drw		sheet 3 of 4			

1

2

3

4

PRODUCT NUMBER
 51732-029PGSA__
 NOTE ③

A

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 PLATING:
 SEE PRINT 10125789 FOR PLATING SPEC OF 51732-029PGSA; 51732-029PGSALF
 - ④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR 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
 $\varnothing 1.02 \pm .07$ HOLE.
 - ⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - ⑪ CONNECTOR KEEP-OUT ZONE.

B

A

B

C

D



Copyright FCI.

C

D

dr	Luo Weller	2013/10/17	projection 	MM 	size	A4	scale	1:1	
eng	Luo Weller	2013/11/12			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2013/11/12	product family	PwrBlade	rel level	Released			
		title	8P + 40S RIGHT ANGLE SOLDER HEADER		dwg no	51732-029PGSA		rev	A
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4		

2

3