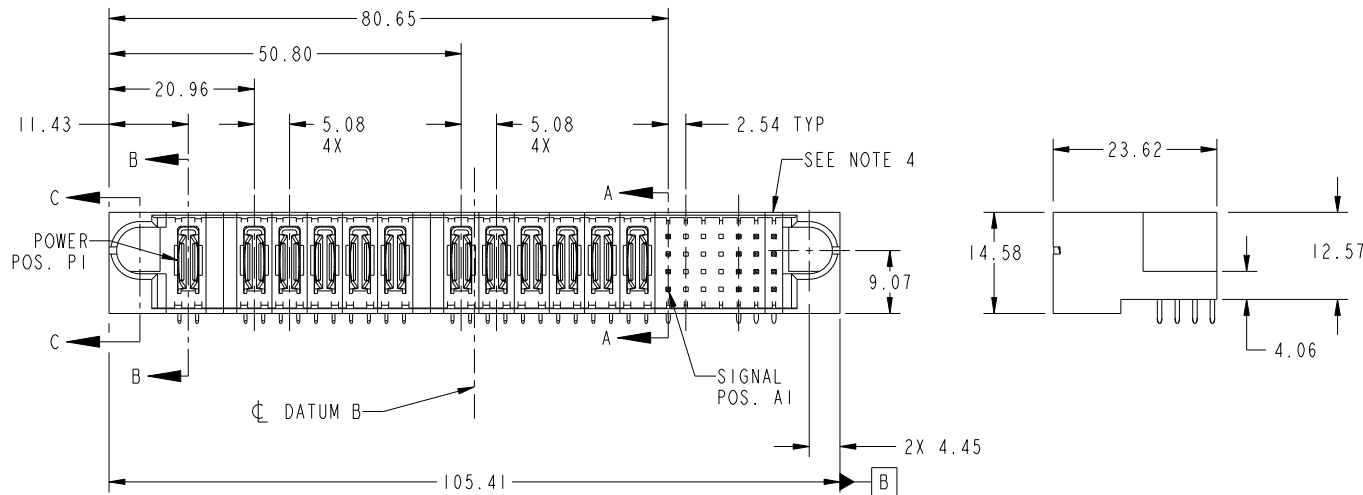


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PRODUCT NO.	ROWS	POWER												SIGNAL							E2	
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	5	6		7
51939-393_-- NOTE 3	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UX	XX	XX	UU	UU	UU	UU	
															TX	XX	XX	TT	TT	TT	TT	
															SX	XX	XX	SS	SS	SS	SS	
															RX	XX	XX	RR	RR	RR	RR	
															UU	UU	UU	UU	UU	UU	UU	



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	

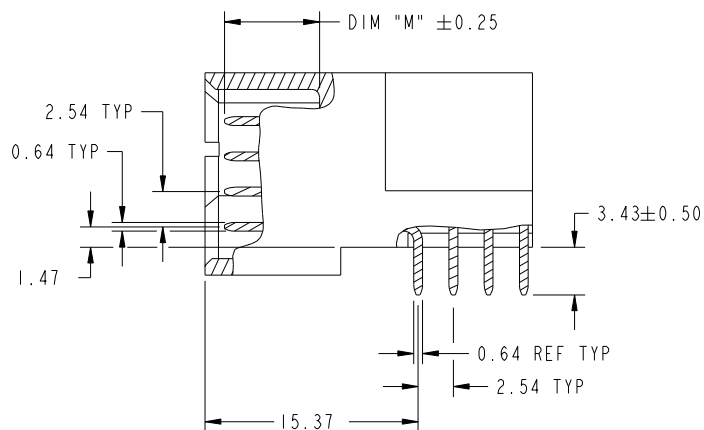
mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear		0.X ±0.5		COPY		www.fciconnect.com	
A	DG09-0058	WD	03/02/09			0.XX ±0.25		projection		title	
				angles		0.XXX ±0.1				12P + 28S	
				dr	Warren Du	11/11/08		MIM		RIGHT ANGLE SOLDER HEADER	
				enrg	Warren Du	11/11/08				product family PwrBlade	
				chr	Gary Hsieh	11/11/08		scale		code	
				appd	JOSEPH HSIA	11/11/08		1:1		213	
sheet	revision	A	A	A	A					size	
index	sheet	1	2	3	4					dwg no	
										51939-393	
										sheet	
										1 of 4	
										cage code	
										22526	

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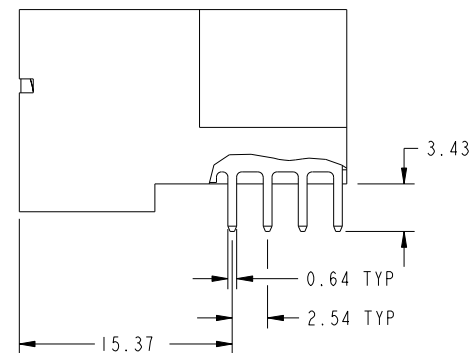


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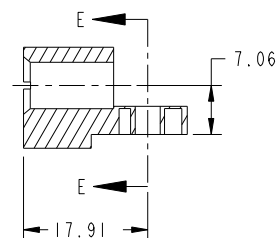
PRODUCT NUMBER
51939-393--
NOTE: 3



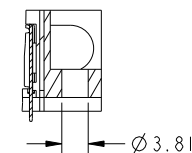
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		0.X ± 0.5		COPY		www.fciconnect.com	
A				linear		0.XX ± 0.25		projection		title 12P + 28S	
				angles		0.XXX ± 0.1				RIGHT ANGLE SOLDER HEADER	
				dr	Warren Du	11/11/08		MIM		product family PwrBlade	
				enr	Warren Du	11/11/08		scale		code 213	
				chr	Gary Hsieh	11/11/08		1:1		size dwg no 51939-393	
				appd	JOSEPH HSIA	11/11/08				sheet 2 of 4	
sheet index	revision sheet									cage code 22526	

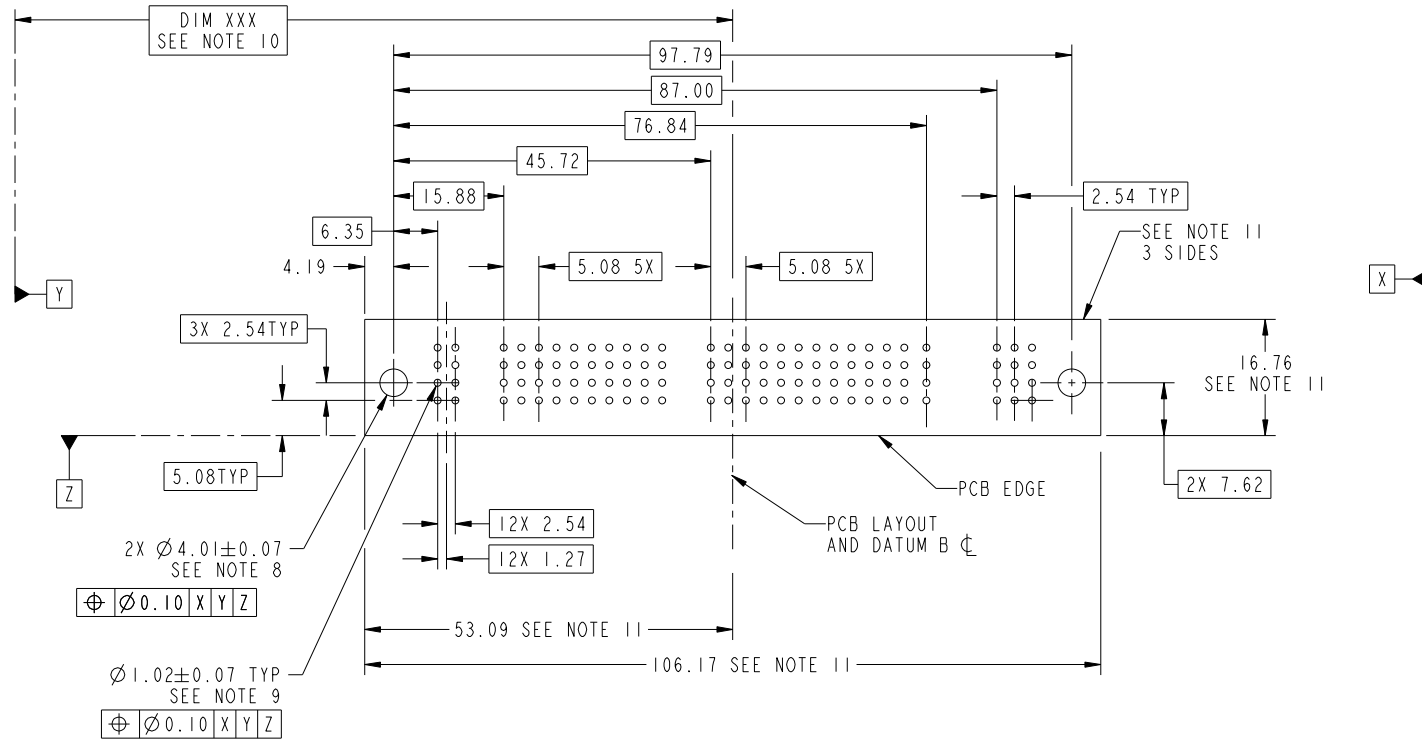
Pro/E

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PRODUCT NUMBER
51939-393--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		0.X ±0.5		COPY		www.fciconnect.com	
A						0.XX ±0.25		projection		title	
						0.XXX ±0.1				12P + 28S	
					angles	0° ±2°				RIGHT ANGLE SOLDER HEADER	
				dr	Warren Du	11/11/08		product family		PwrBlade	code
				enrg	Warren Du	11/11/08		size		dwg no	213
				chr	Gary Hsieh	11/11/08		scale		51939-393	sheet
				appd	JOSEPH HSIA	11/11/08		1:1			3 of 4
sheet index	revision sheet										

Pro/E

cage code
22526

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PRODUCT NUMBER
51939-393-- 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 51939-393 AND 51939-393LF RESPECTIVELY.
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
 $\varnothing 1.02 \pm 0.07$ HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title 12P + 28S	
						$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER	
				angles		$0.XXX \pm 0.1$				product family PwrBlade	
				dr	Warren Du	11/11/08		MIM		size	code
				enrg	Warren Du	11/11/08				dwg no	213
				chr	Gary Hsieh	11/11/08		scale		A	sheet
				appd	JOSEPH HSIA	11/11/08		1:1			4 of 4
sheet index	revision sheet										

cage code 22526