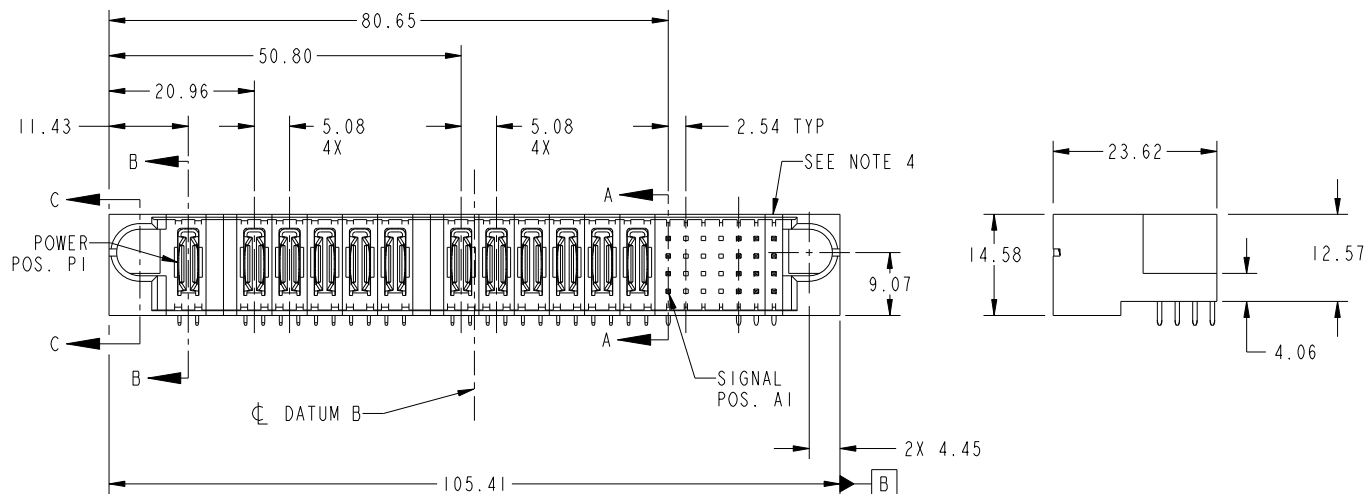




A

B

PRODUCT NO.	ROWS	POWER												SIGNAL							
		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																				



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				 www.fciconnect.com					
ltr		ecn no.		dr		date		linear		0.X ± 0.5		COPY				title 12P + 28S RIGHT ANGLE SOLDER HEADER					
A		DG09-0058		WD		03/02/09				0.XX ± 0.25		projection									
								angles		0.XXX ± 0.1				product family PwrBlade		code 213					
										0° ± 2°											
								dr		Warren Du 11/11/08		MM ←————→		scale 1:1		size A		dwg no 51939-393		sheet 1 of 4	
								engr		Warren Du 11/11/08											
								chr		Gary Hsieh 11/11/08											
								appd		JOSEPH HSIA 11/11/08											
sheet index		revision sheet		A 1		A 2		A 3		A 4											

Pro/E

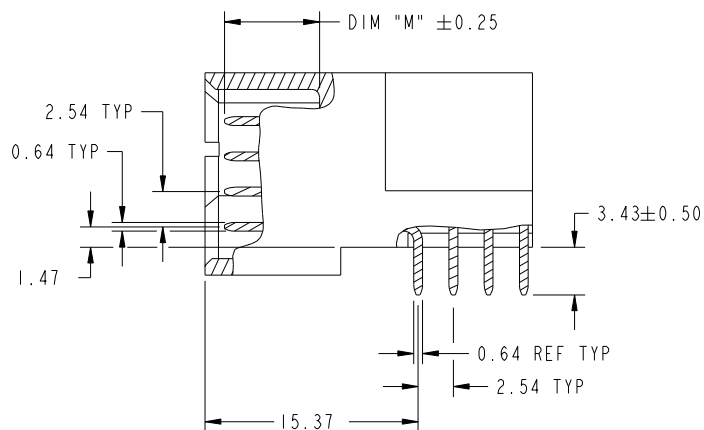
cage code	22526
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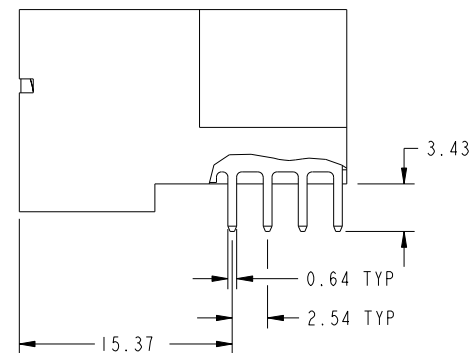


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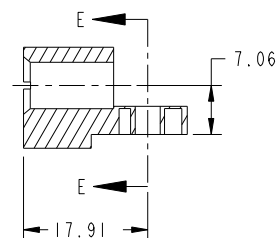
PRODUCT NUMBER
51939-393--
NOTE: 3



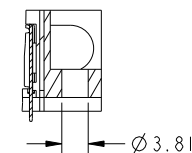
BROKEN-OUT SECTION A-A
SCALE 2:1



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

Pro/E

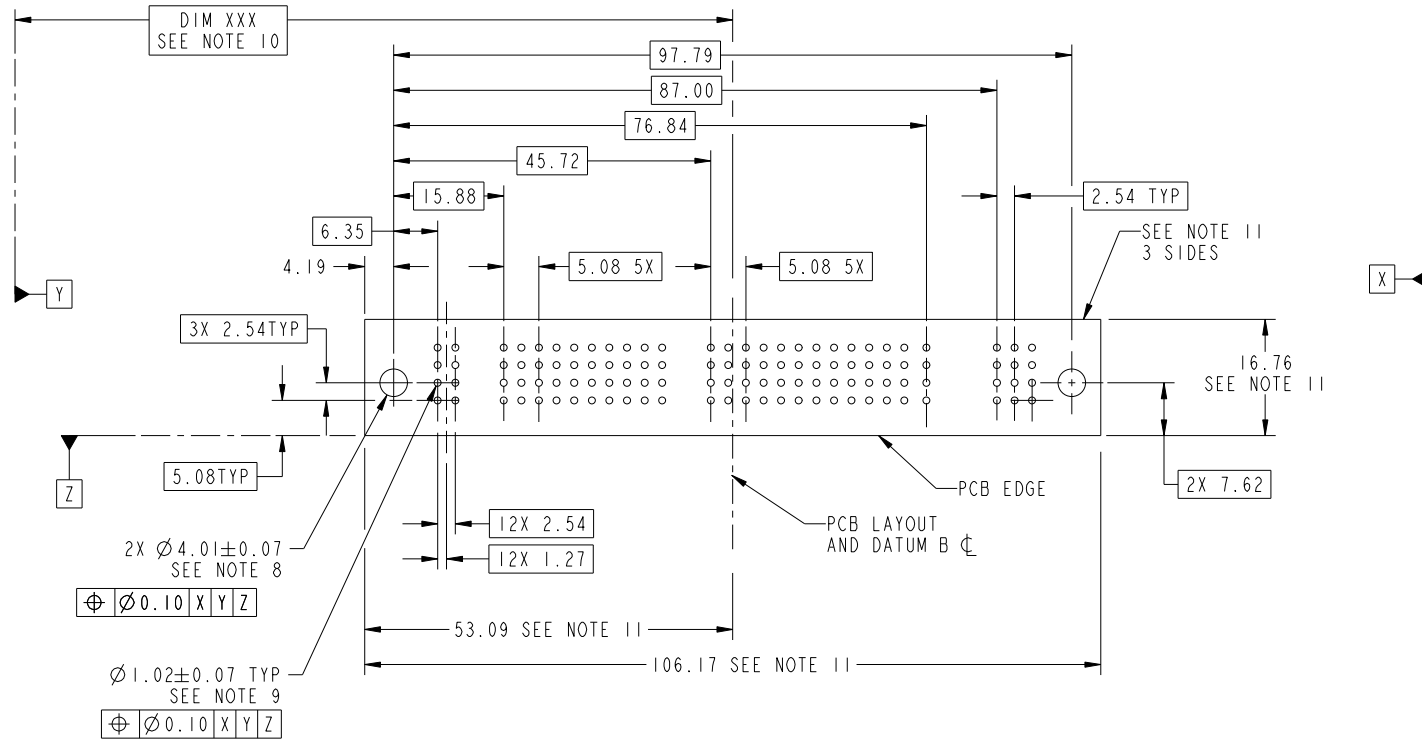
cage code 22526

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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					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title	
						0.XX ±0.25				12P + 28S	
				angles		0.XXX ±0.1				RIGHT ANGLE SOLDER HEADER	
						0° ±2°					
				dr	Warren Du	11/11/08		MIM		product family	
				enrg	Warren Du	11/11/08		scale		PwrBlade	
				chr	Gary Hsieh	11/11/08		1:1		code	
				appd	JOSEPH HSIA	11/11/08		A		size	
sheet index	revision sheet							dwg no		213	
								51939-393		sheet	
								A		3 of 4	
								cage code		22526	

Pro/E

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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	ecn 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		scale		size	code
				enrg	Warren Du	11/11/08		1:1		dwg no	213
				chr	Gary Hsieh	11/11/08				sheet	4 of 4
				appd	JOSEPH HSIA	11/11/08					
sheet index	revision sheet										

cage code 22526