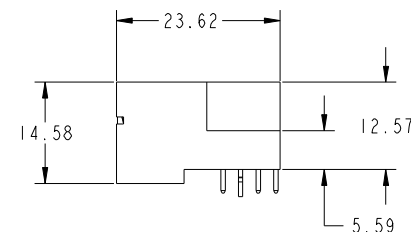
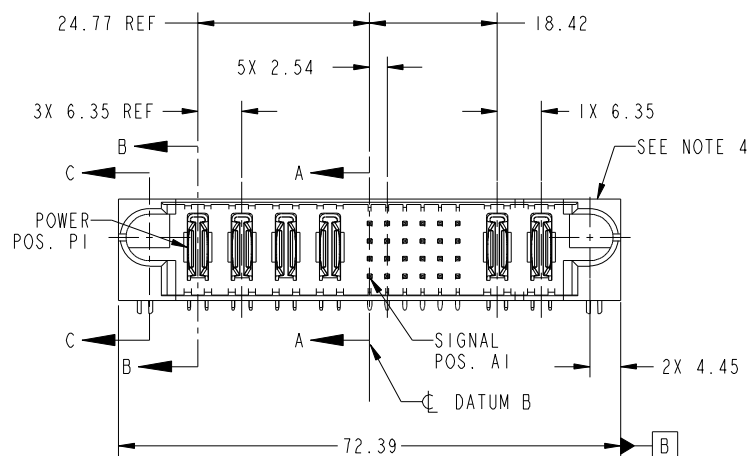


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PRODUCT NO.	ROWS	POWER					SIGNAL					POWER			
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	E2
51939-397_- NOTE 3	D C B A		PA	PA	PA	PA	UUUUUU	TTTTTT	SSSSSS	SSSSSS	SSSSSS	SSSSSS	PA	PA	
			UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	



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
HA	[N/A]	HOLD-DOWN
H	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	0.X ±0.5	COPY		projection		title	4P + 24S + 2P
A	DG08-0358	JW	11/17/08			angles	0.XX ±0.25					RIGHT ANGLE SOLDER HEADER	
							0.XXX ±0.1					product family	PwrBlade
						dr	JULIA WANG 11/17/08					code	213
						enr	JEROME CHEN 11/17/08					size	dwg no
						chr	GARY HSIEH 11/17/08					scale	51939-397
						appd	JOSEPH HSIA 11/17/08					sheet	1 of 4
sheet index	revision sheet	A	A	A	A								
		1	2	3	4								

Pro/E

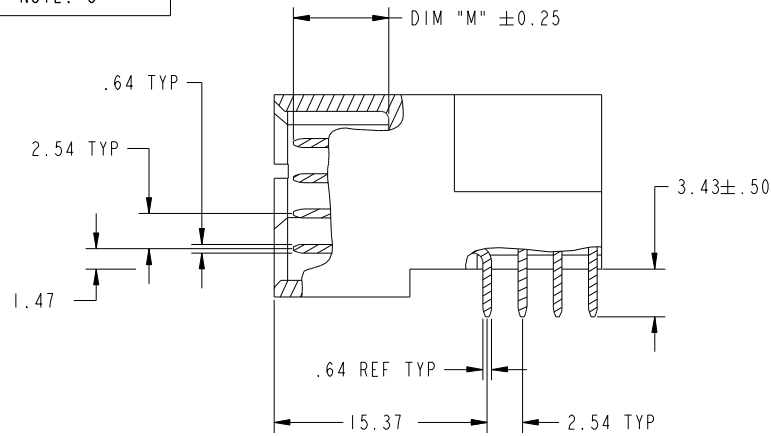
cage code 22526

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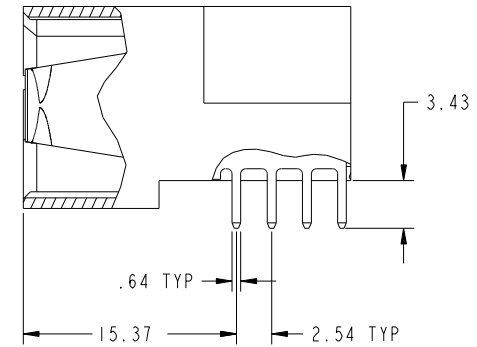


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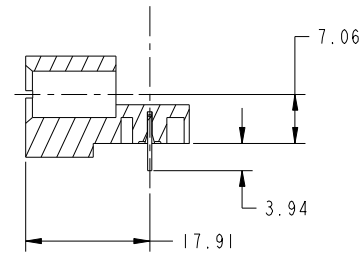
PRODUCT NUMBER
51939-397_-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title	4P + 24S + 2P
						0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1				product family	PwrBlade
				dr	JULIA WANG	11/17/08				code	213
				enr	JEROME CHEN	11/17/08				size	dwg no
				chr	GARY HSIEH	11/17/08				A	51939-397
				appd	JOSEPH HSIA	11/17/08				scale	1:1
sheet index	revision sheet										
										cage code	22526

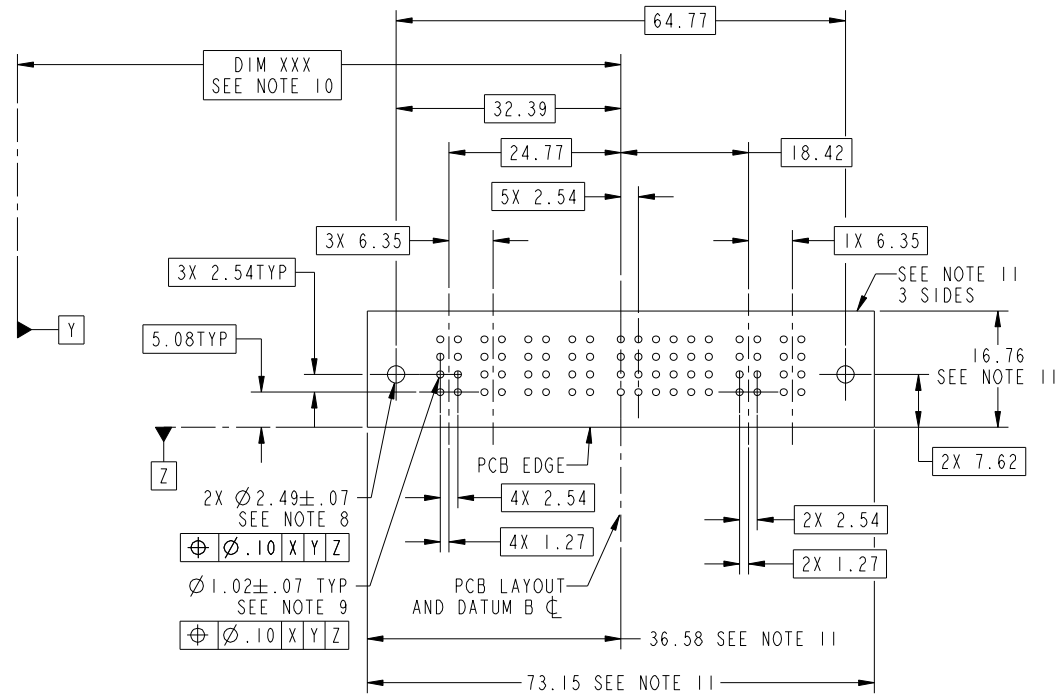
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PRODUCT NUMBER
51939-397_-
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ± 0.5		projection		title	
						0.XX ± 0.25				4P + 24S + 2P	
				angles		0.XXX ± 0.1				RIGHT ANGLE SOLDER HEADER	
						0° ± 2°				product family	
				dr	JULIA WANG	11/17/08				PwrBlade	
				enr	JEROME CHEN	11/17/08				code	
				chr	GARY HSIEH	11/17/08				213	
				appd	JOSEPH HSIA	11/17/08				sheet	
sheet index		revision sheet						scale		3 of 4	
								1:1		51939-397	

cage code 22526

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PRODUCT NUMBER
51939-397_- 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. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-397; 51939-397LF 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
 $\varnothing 1.02 \pm .07$ 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				 www.fciconnect.com				
ltr	ecn no.		dr	date		linear	0.X ± 0.5				COPY				title 4P + 24S + 2P RIGHT ANGLE SOLDER HEADER					
A							0.XX ± 0.25				projection 									
							angles	0.XXX ± 0.1				 MM								
						0° ± 2°														
						dr	JULIA WANG		11/17/08		scale 1:1				product family		PwrBlade		code	
						enrg	JEROME CHEN		11/17/08						size		dwg no		213	
						chr	GARY HSIEH		11/17/08		A		51939-397		sheet 4 of 4					
						appd	JOSEPH HSIA		11/17/08											
sheet index		revision sheet																		

Pro/E

cage code 22526