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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		$XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXXX \pm .0020 / 0.XXX \pm 0.051$		COPY		 projection		title 4P + 36S + 7P RIGHT ANGLE SOLDER HEADER			
A		V04-0689		TAB		07/06/04													
B		V04-1133		TAB		12/01/04													
C		DG05-0549		CS		12/15/05		angles		$0^\circ \pm 2^\circ$									
D		DG008-0253		SH		09/13/08		dr		T. BRUNGARD 07/06/04		INCH/MM		product family		PwrBlade		code	
								engr		M. GRAY 07/06/04		scale		size		dwg no		213	
								chr		M. GRAY 07/06/04		1:1		A		51730-099		sheet	
								appd		M. GRAY 07/06/04								1 of 4	
sheet index		revision sheet		D 1		D 2		D 3		D 4									

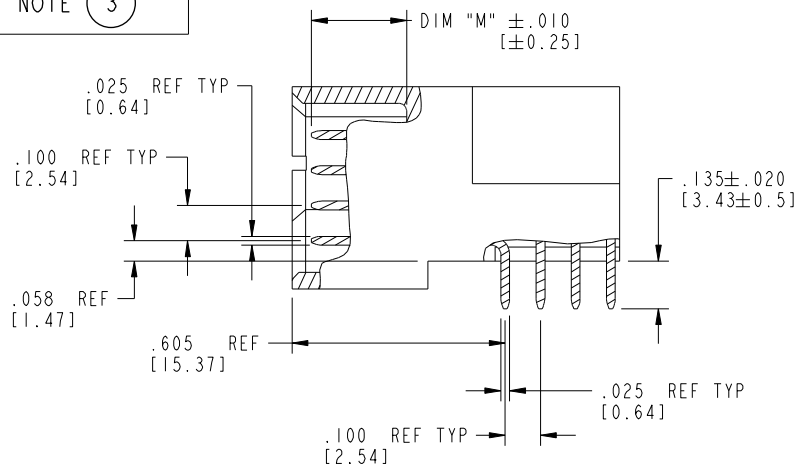
cage code	22526
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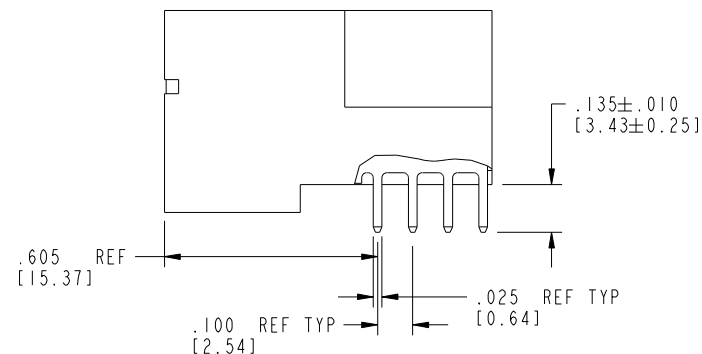


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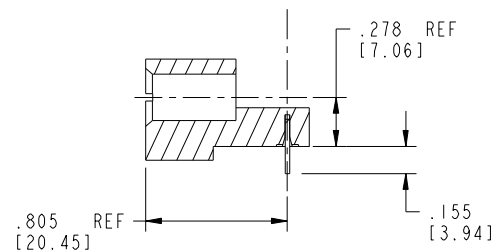
PRODUCT NUMBER
51730-099--
NOTE (3)



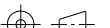
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/.X±0.3		COPY				
D					.XXX±.005/.XX±0.13		title				
					.XXX±.0020/.XXX±0.051		4P + 36S + 7P				
				angles	0°±2°		INCH/MM		RIGHT ANGLE SOLDER HEADER		
				dr	T. BRUNGARD	07/06/04	scale		product family		code
				enrg	M. GRAY	07/06/04	1:1		PwrBlade		213
				chr	M. GRAY	07/06/04			size		sheet
				appd	M. GRAY	07/06/04			dwg no		2 of 4
sheet index		revision sheet							A	51730-099	

cage code 22526

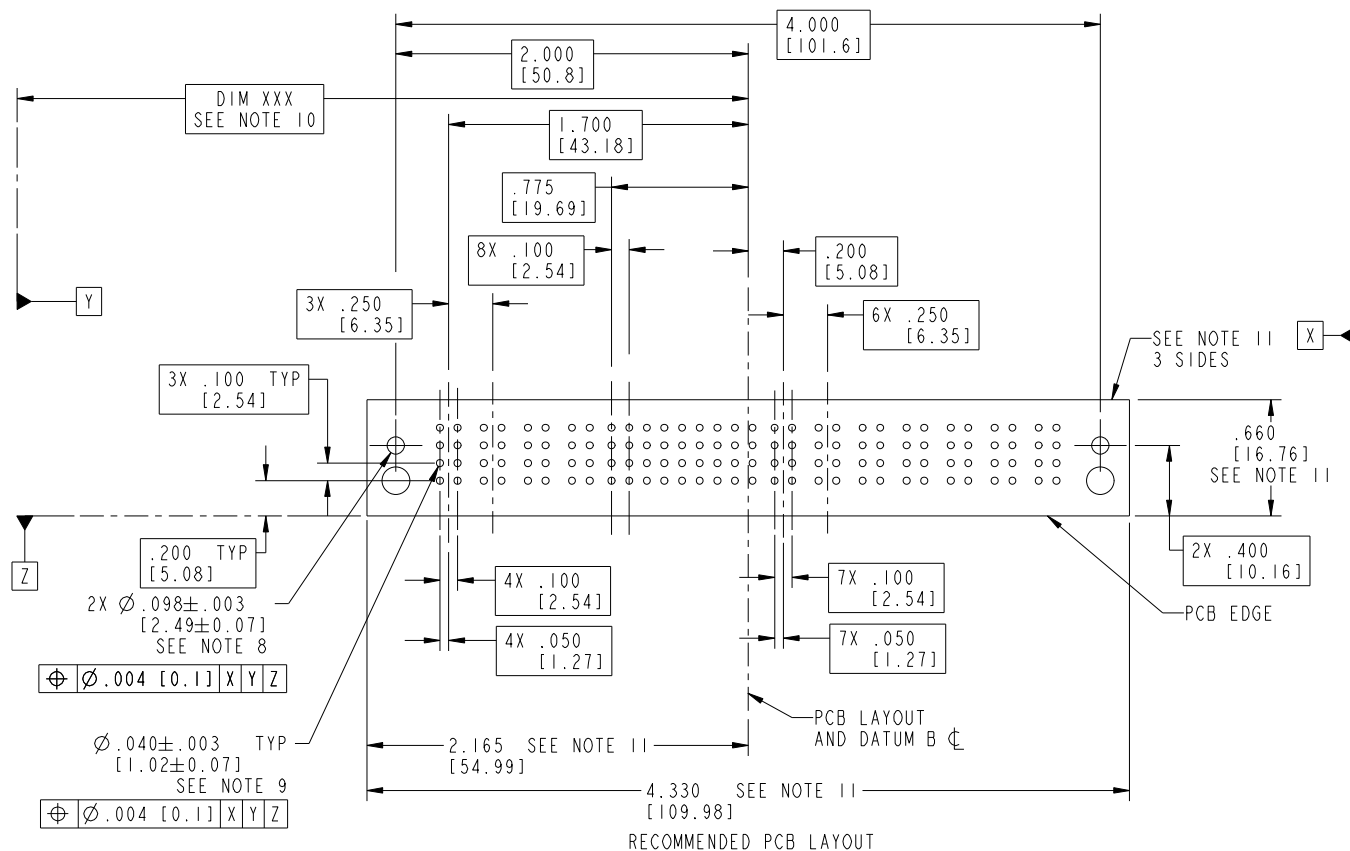
Pro/E

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PRODUCT NUMBER
51730-099--
NOTE (3)



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection	title 4P + 36S + 7P RIGHT ANGLE SOLDER HEADER			
D					.XXX±.005/0.XX±0.13		INCH/MM						
					.XXX±.0020/0.XXX±0.051								
				angles	0°±2°		scale	1:1		product family PwrBlade		code 213 sheet 3 of 4	
				dr	T. BRUNGARD 07/06/04								
				enrg	M. GRAY 07/06/04								
				chr	M. GRAY 07/06/04		size		dwg no 51730-099				
				appd	M. GRAY 07/06/04								
sheet index		revision sheet											

Pro/E

cage code 22526

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PRODUCT NUMBER
51730-099--
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 51730-099 AND 51730-099LF 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.

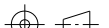
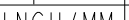
- (8.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- (9.) $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

- (10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- (11.) CONNECTOR KEEP-OUT ZONE.

12: A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING VERSION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3		COPY				
D					.XXX $\pm$.005 / 0.XX $\pm$ 0.13		projection				
				angles	.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051				title 4P + 36S + 7P RIGHT ANGLE SOLDER HEADER		
					0° $\pm$ 2°						
				dr	T. BRUNGARD	07/06/04	INCH/MM scale 1:1		product family		code
				enrg	M. GRAY	07/06/04			PwrBlade		213
				chr	M. GRAY	07/06/04			size		sheet
				appd	M. GRAY	07/06/04			dwg no		4 of 4
sheet index		revision sheet									

cage code 22526

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[51730-099](#) [51730-099LF](#)