



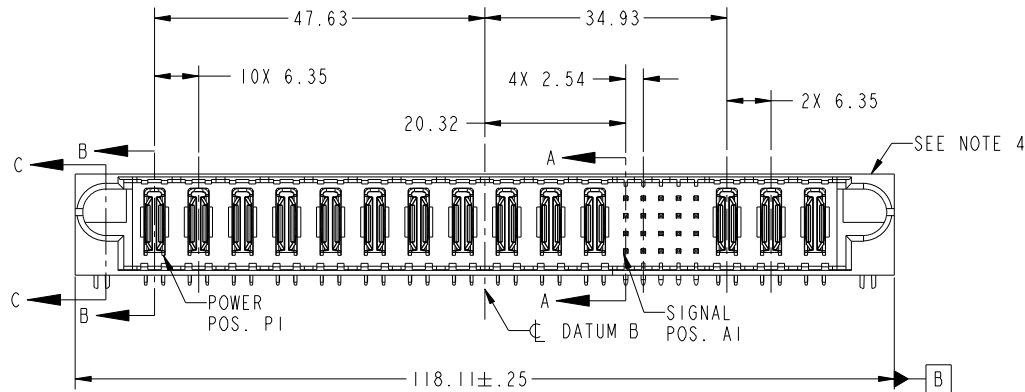


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PRODUCT NO.	ROWS		POWER											SIGNAL					POWER			
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	1	2	3	4	5	P12	P13	P14	E2
51730-048-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	H U U U U T T T T T S S S S S R R R R R					PA	PA	PA	
																						



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V20994	DAI	06/05/02	linear		0.X ± 0.5		projection		title	
B	V21034	DAI	06/11/02			0.XX ± 0.25				3P + 20S + 11P	
C	DG05-0389	GvoJM	10/17/05	angles		0.XXX ± 0.10				RIGHT ANGLE SOLDER HEADER	
D	DG07-0498	JW	09/15/08			0° ± 2°		scale		product family	PwrBlade
				enrg	dr	D. INGRAM	06/05/02			size	code
				chr		M. MOSTOLLER	06/05/02			dwg no	213
				appd		M. MOSTOLLER	06/05/02			51730-048	sheet
sheet	revision	D	D	D	D						1 of 4
index	sheet	1	2	3	4						

Pro/E

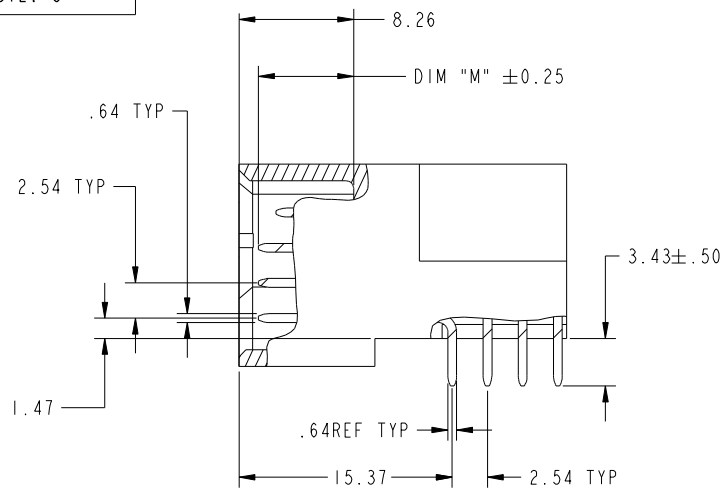
cage code 22526

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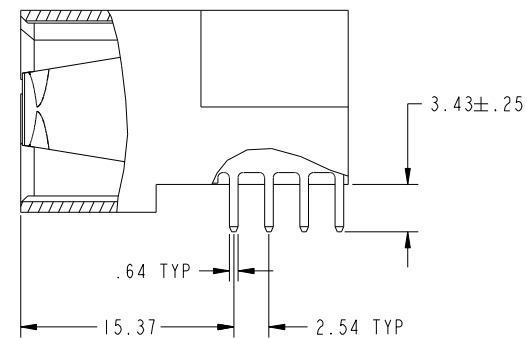


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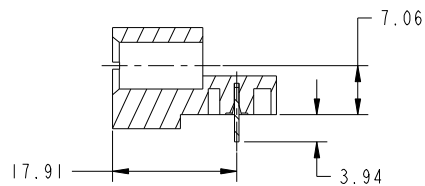
PRODUCT NUMBER
51730-048--
NOTE: 3



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			linear	0.X ±0.5	COPY		www.fciconnect.com	
D						linear	0.XX ±0.25	projection		title	
						linear	0.XXX ±0.10			3P + 20S + 11P	
						angles	0° ±2°			RIGHT ANGLE SOLDER HEADER	
						dr	D. INGRAM 06/05/02			product family	
						enrg	M. MOSTOLLER 06/05/02			PwrBlade	
						chr	M. MOSTOLLER 06/05/02			code	
						appd	M. MOSTOLLER 06/05/02			213	
sheet index		revision sheet						scale		size	
								1:1		dwg no	
										51730-048	
										sheet	
										2	
										cage code	
										22526	

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-048_- 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 51730-048; 51730-048LF PRESPECTIVELY

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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing 1.151 \pm 0.025$ 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.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10. CONNECTOR KEEP-OUT ZONE.

11. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
D				linear		$0.X \pm 0.5$		projection		title 3P + 20S + 11P RIGHT ANGLE SOLDER HEADER			
						$0.XX \pm 0.25$							
				angles		$0.XXX \pm 0.10$							
				dr		$0^\circ \pm 2^\circ$				product family	PwrBlade	code	213
				enrg		D. INGRAM 06/05/02		scale		size	dwg no	sheet	4
				chr		M. MOSTOLLER 06/05/02		1:1		A	51730-048		
				appd		M. MOSTOLLER 06/05/02							
sheet index	revision sheet												

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Mouser Electronics

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[51730-048](#)