

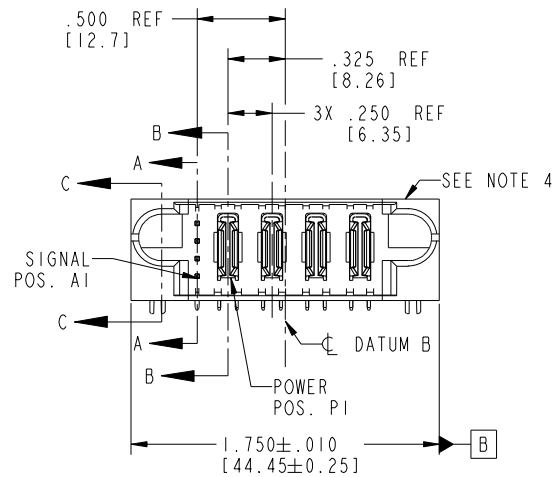


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
E	.220 [5.59]	SIGNAL

PRODUCT NO.	ROWS	POWER						
		E1	1	P1	P2	P3	P4	E2
51731-030-- NOTES 3	D C B A							



mal'ti code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG05-0054	SLUO	3/23/05	linear		.XX±.01/0.X±0.3		projection		title	4S +4P
B	DG05-0531	GuoJM	12/19/05			.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
C	DG08-0253	SH	09/13/08	angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr	SLUO	3/23/05		INCH/MM		size	213
				enrg	SLUO	3/23/05		scale		dwg no	51731-030
				chr	VICTOR LIN	3/23/05		1:1		sheet	1 of 4
				appd	JOSEPH HSIA	3/23/05					
sheet index	revision sheet	C	C	C	C					cage code	22526
		1	2	3	4						

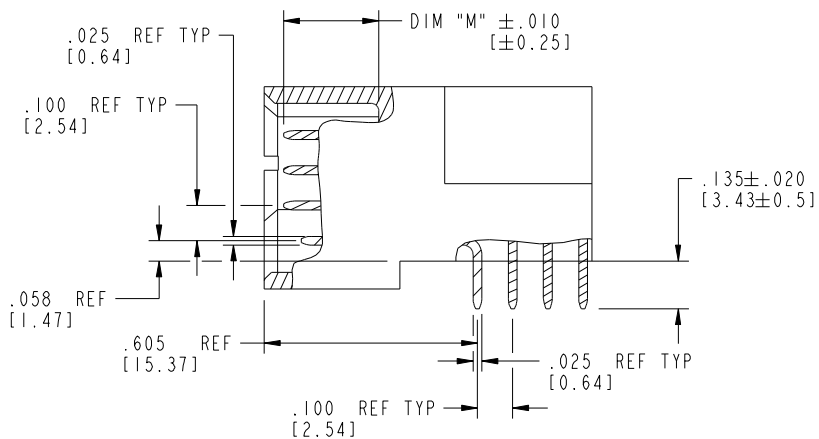
Pro/E



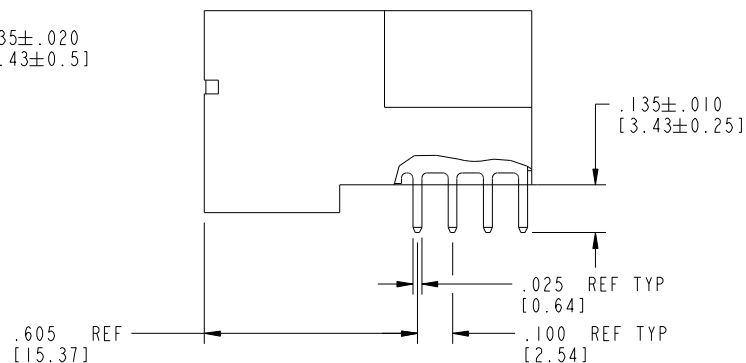
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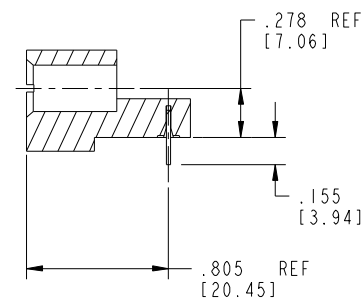
PRODUCT NUMBER
51731-030__



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		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
C				linear		.XX±.01/.X±0.3		projection		title	4S +4P
						.XXX±.005/.0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
				angles		.XXX±.0020/.0.XXX±0.051				product family	PwrBlade
				dr	SLUO	3/23/05		INCH/MM		size	213
				enr	SLUO	3/23/05		scale		dwg no	2 of 4
				chr	VICTOR LIN	3/23/05		1:1		51731-030	
				appd	JOSEPH HSIA	3/23/05					
sheet index	revision sheet										

Pro/E

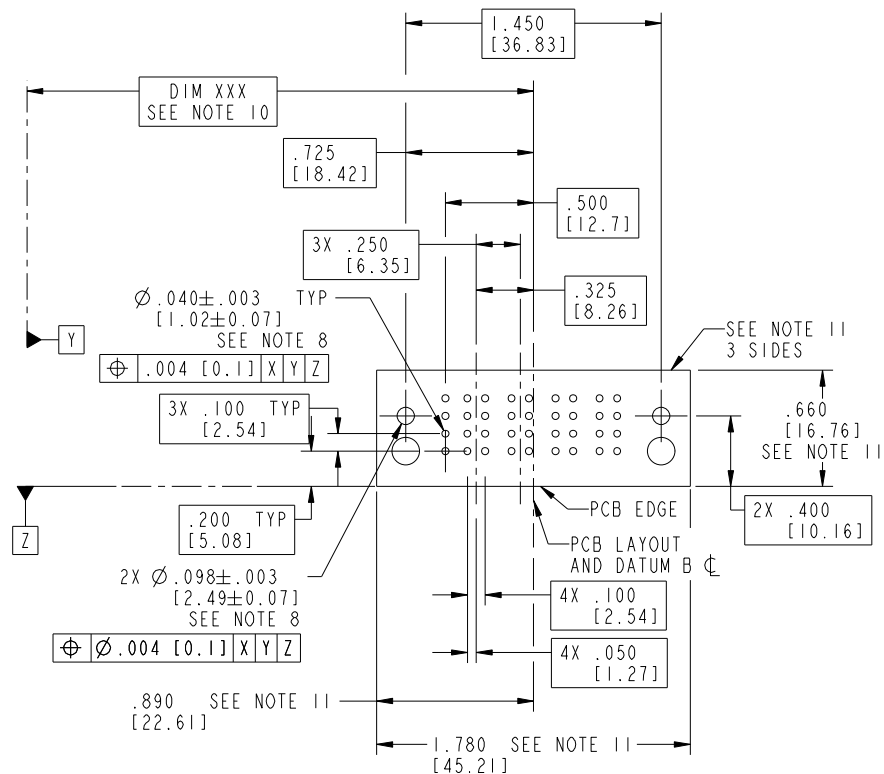
cage code 22526

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PRODUCT NUMBER
51731-030--



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY					
C						linear	.XX±.01/0.X±0.3	projection		title	4S +4P		
							.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER			
						angles	.XXX±.0020/0.XXX±0.051			product family	PwrBlade	code	213
						dr	SLUO 3/23/05	INCH/MM		size	dwg no	sheet	3 of 4
						enrg	SLUO 3/23/05	scale		51731-030			
						chr	VICTOR LIN 3/23/05	1:1					
						appd	JOSEPH HSIA 3/23/05						
sheet index	revision												

Pro/E

cage code 22526

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PRODUCT NUMBER
51731-030__

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

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 51731-030 AND 51731-030LF 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 ± 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				
ltr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY							
C									$.XXX \pm .005 / 0.XX \pm 0.13$											
									$.XXX \pm .0020 / 0.XXX \pm 0.051$											
								angles	$0^\circ \pm 2^\circ$								RIGHT ANGLE SOLDER HEADER			
								dr	SLUO		3/23/05		INCH/MM		product family		PwrBlade		code	
								enrg	SLUO		3/23/05				size		dwg no		213	
								chr	VICTOR LIN		3/23/05				A		51731-030		sheet 4 of 4	
								appd	JOSEPH HSIA		3/23/05									
sheet index		revision sheet																		

cage code 22526