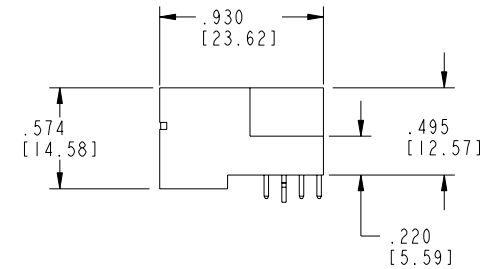
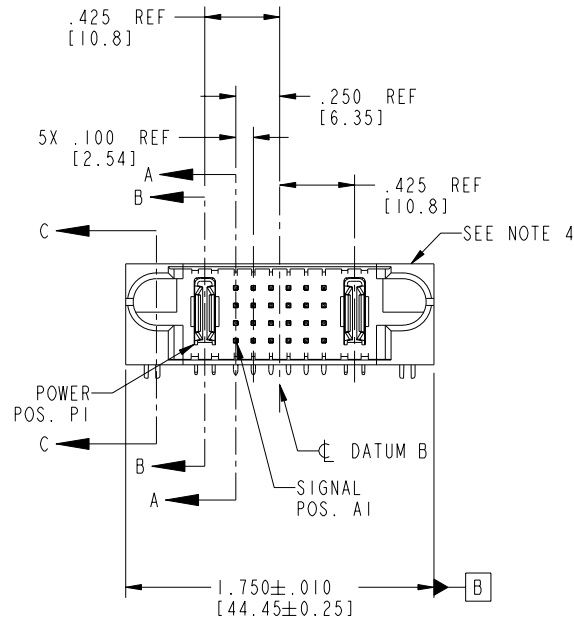


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PRODUCT NO.	ROWS	PWR SIGNAL PWR									
		E1	P1	1	2	3	4	5	6	P2	E2
51730-110-- NOTE:3	D C B A		PA	UUUUUUU	TTTTTTTT	SSSSSSS	RRRRRRR	PA			



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

mat'l code				SEE NOTE 2	tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date		linear	.XX±.01/0.X±0.3	COPY		projection		title	
A	DG05-0042	SLUO	3/14/05			.XXX±.005/0.XX±0.13					IP +24S +IP	
B	DG05-0455	CS	11/12/05		angles	.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
					dr	SLUO 3/14/05	INCH/MM				product family	
					enr	SLUO 3/14/05					PwrBlade	
					chr	VICTOR LIN 3/14/05	scale		A		size	
					appd	JOSEPH HSIA 3/15/05	1:1				dwg no	
sheet index		revision	B	B	B	B					51730-110	
		sheet	1	2	3	4					code	
											213	
											sheet	
											1 of 4	

cage code 22526

Pro/E

PDM: Rev:B

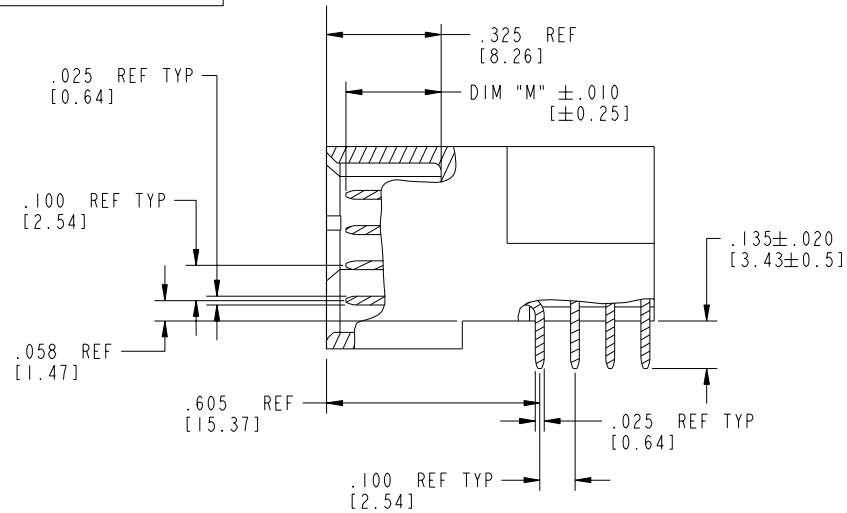
STATUS:Released

Printed: Dec 20, 2010

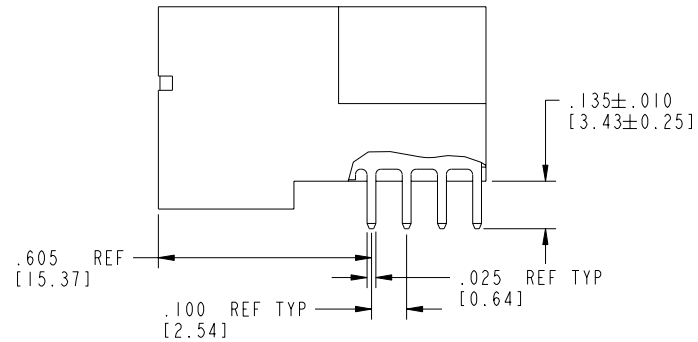
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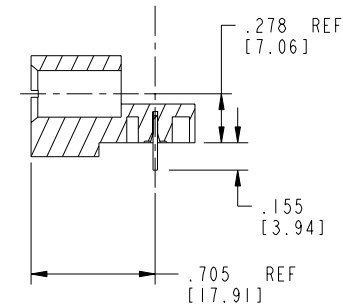
PRODUCT NUMBER
51730-110--
NOTE: 3



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	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		title	
B						.XXX±.005/0.XX±0.13		projection		IP +24S +IP	
						.XXXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER	
					angles	0°±2°		INCH/MM		product family	
					dr	SLUO	3/14/05	scale		PwrBlade	
				enr	SLUO		3/14/05	size		dwg no	
				chr	VICTOR LIN		3/14/05	A		51730-110	
				appd	JOSEPH HSIA		3/15/05			code	
sheet index	revision									sheet	
	sheet									2 of 4	
										cage code	
										22526	

PDM: Rev:B

STATUS:Released

Printed: Dec 20, 2010

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cage code	22526
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PRODUCT NUMBER

51730-110_-
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:

51730-110 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51730-110LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51730-110LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

- (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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX+.01/0.X+.0.3		COPY		title		
B				linear	.XXX+.005/0.XX+.0.13		projection		IP +24S +IP		
				angles	XXXX+.0020/0.XXX+.0.051				RIGHT ANGLE SOLDER HEADER		
				dr	SLUO	3/14/05	INCH/MM		product family		code
				enrg	SLUO	3/14/05	scale		PwrBlade		213
				chr	VICTOR LIN	3/14/05	1:1		size		sheet
				appd	JOSEPH HSIA	3/15/05			dwg no		4 of 4
sheet index		revision sheet							A		

B

1 | 2

Pro/E

3 |

cage code 22526

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