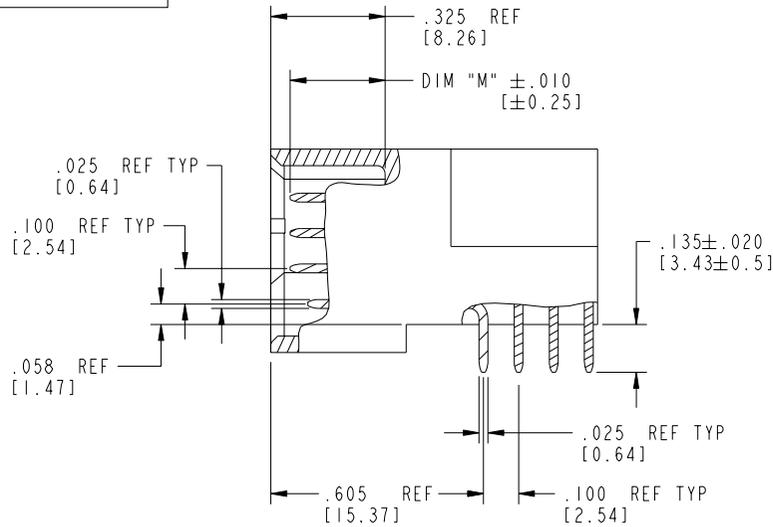


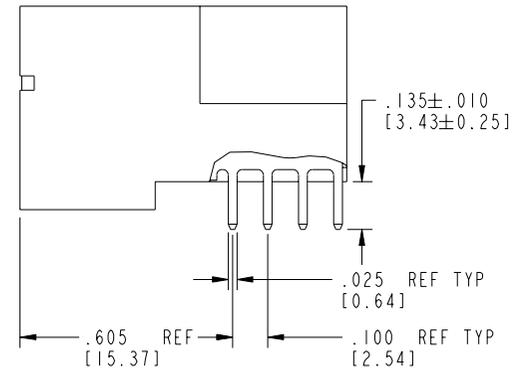
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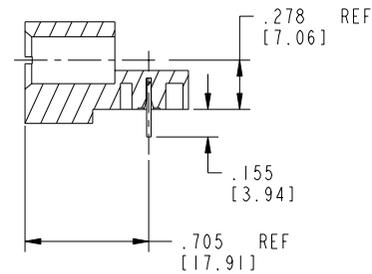
PRODUCT NUMBER
51731-003--
NOTE: 3



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		projection	title
C					.XXX±.005/0.XX±0.13				32S + 2P
				angles	.XXX±.0020/0.XX±0.051				RIGHT ANGLE SOLDER HEADER
				dr	0°±2°				product family
				enr	J. SHAFFER 03-26-02	INCH/MM			PwrBlade
				chr	M. MOSTOLLER 03-26-02	scale		A	code
				appd	M. MOSTOLLER 03-26-02	1:1		size	213
sheet index	revision sheet							dwg no	2 of 4
								51731-003	

cage code 22526

Pro/E

PDM: Rev:C

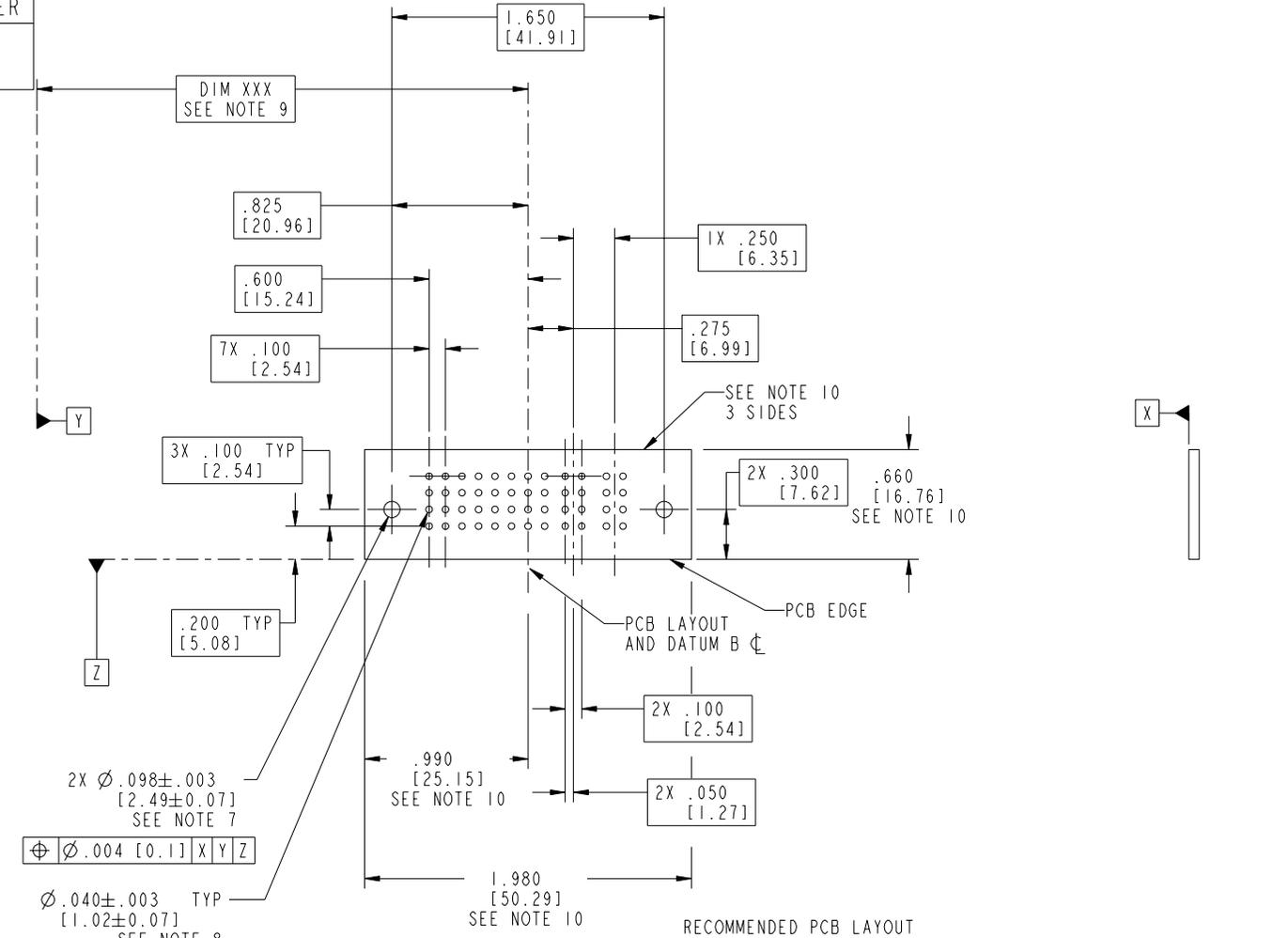
STATUS Released

Printed: Oct 08, 2006

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PRODUCT NUMBER
51731-003--
NOTE: 3



RECOMMENDED PCB LAYOUT

Ø.004 [0.1] X|Y|Z

Ø.040±.003 TYP [1.02±0.07] SEE NOTE 8

Ø.004 [0.1] X|Y|Z

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		projection	title
C				angles	.XXX±.005/0.XX±0.13	INCH/MM			32S + 2P
				dr	.XXXX±.0020/0.XXX±0.051	scale			RIGHT ANGLE SOLDER HEADER
				enr	0°±2°	1:1		product family	PwrBlade
				chr	J. SHAFFER 03-26-02			size	213
				appd	M. MOSTOLLER 03-26-02			dwg no	51731-003
					M. MOSTOLLER 03-26-02			sheet	3 of 4
sheet index	revision sheet								

cage code 22526

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PRODUCT NUMBER
51731-003--
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:
51731-003 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.
51731-003LF 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 model_name: ILF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 ± .07] HOLE.

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

10. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title 32S + 2P		
C					.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER		
				angles	XXXX±.0020/0.XXX±0.051				product family PwrBlade		code 213
				dr	0° ± 2°	J. SHAFFER 03-26-02		INCH/MM	size		sheet 4 of 4
				engr		M. MOSTOLLER 03-26-02		scale 1:1	A 51731-003		
				chr		M. MOSTOLLER 03-26-02					
				appd		M. MOSTOLLER 03-26-02					
sheet index	revision sheet										

cage code 22526 4

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