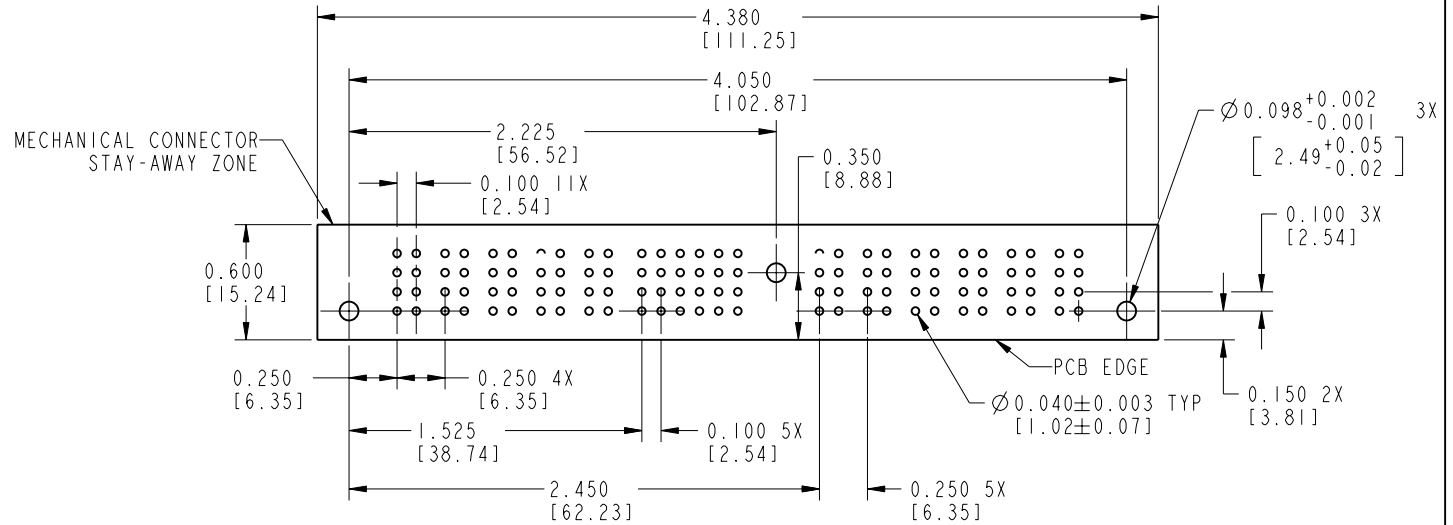


Printed: Aug 11, 2007

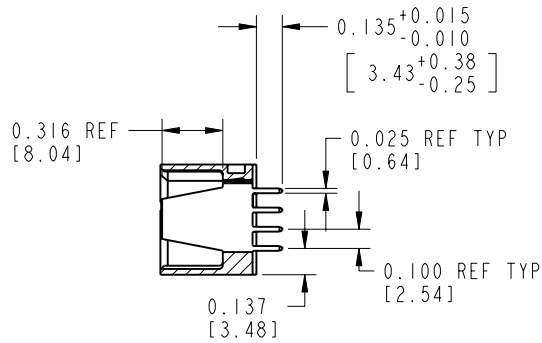
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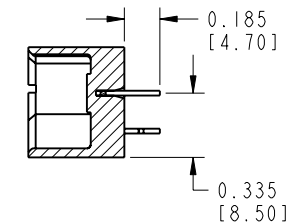
PRODUCT NUMBER
51860-001--
NOTE: 2



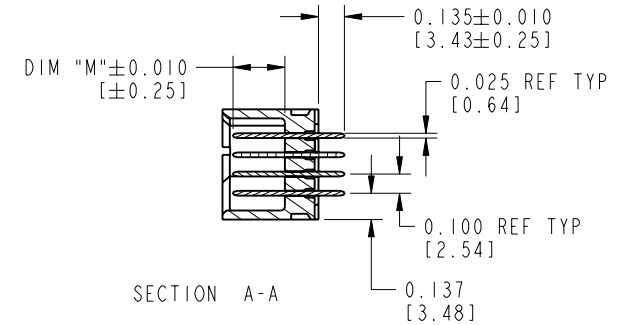
RECOMMENDED PCB LAYOUT



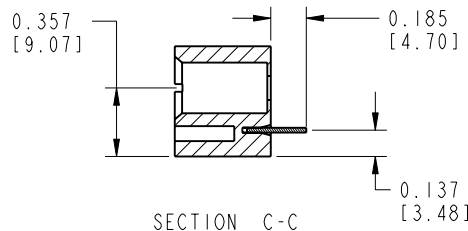
SECTION B-B



SECTION D-D



SECTION A-A



SECTION C-C

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		title	5P + 24S + 1M + 6P VERTICAL SOLDER HEADER
D				linear	.XXX±.005/0.XX±0.13					product family	PWRBLADE
				angles	.XXX±.0020/0.XX±0.051					size	213
				dr	C. DAILY 03/08/01	INCH/MM				dwg no	51860
				enqr	E. TREECE 03/07/01	scale	1:1			code	2
				chr	E. TREECE 03/08/01					sheet	2
				appd	E. TREECE 03/08/01						
sheet index	revision sheet										

Pro/E

cage code 22526

PDM: Rev:D

STATUS: Released

Printed: Aug 11, 2007

PRODUCT NUMBER
51860-001--
NOTE: 2

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. PLATING:

51860-001 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.

51860-001LF 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 51860-001LF 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.

- "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

- PRODUCT SPECIFICATION GS-12-149

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

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.098[2.41] THROUGH HOLES ARE UNPLATED.
- Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date					COPY		title	
D				linear		.XX±.01/0.X±0.3		projection		5P + 24S + 1M + 6P	
						.XXX±.005/0.XX±0.13				VERTICAL SOLDER HEADER	
				angles		.XXX±.0020/0.XX±0.051					
						0°±2°					
				dr	C. DAILY	03/08/01		INCH/MM		product family	PWRBLADE
				engr	E. TREECE	03/07/01				size	213
				chr	E. TREECE	03/08/01		scale		dwg no	3
				appd	E. TREECE	03/08/01		1:1		51860	
sheet index	revision sheet										