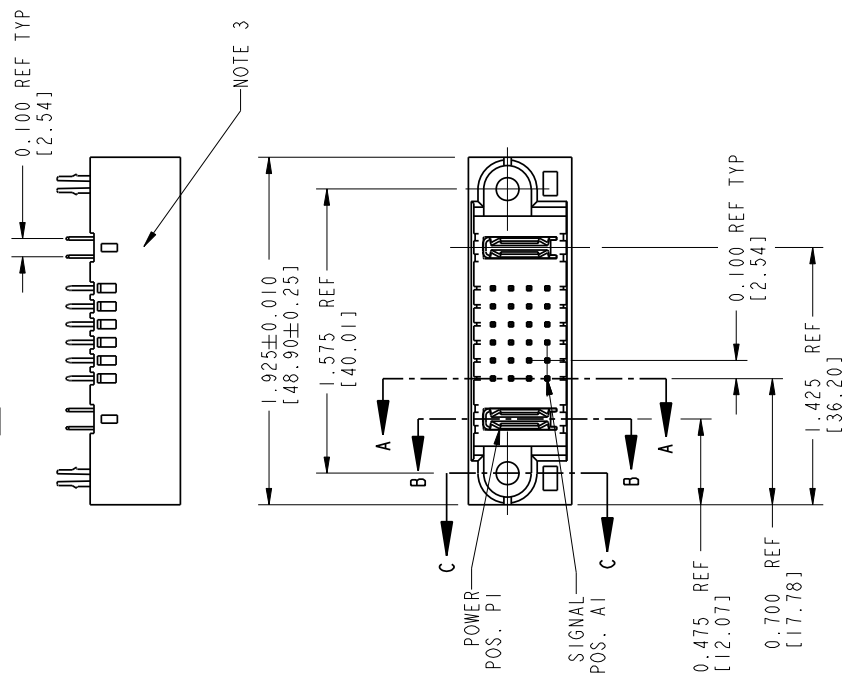


PRODUCT No.	ROWS	POWER	SIGNAL	POWER
51952-013 NOTE 2	D	E1	1	P1
	C		2	
	B		3	
	A		4	
			5	P2
			6	



CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE	mat'l code										NOTE 1		tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com			
			ltr	ecn no.	dr	date	linear																	
			A	V21906	MEW	12/20/02																		
			B	D605-0478	Pyon	11/17/05																		
							angles																	
							dr																	
							enrg																	
							chr																	
							apod																	
			sheet index	revision sheet	B 1	B 2																		
E	0.270 [6.86]	SIGNAL																	product family		PwrBlade		code	
H	0.220 [5.59]	SIGNAL																	size		dwg no		213	
PA	N/A [N/A]	POWER																	scale		A		51952-013	
HA	N/A [N/A]	HOLD-DOWN																	sheet		I of 3		1 of 3	
			1 2										Pro/E		3		code code		22526		4			

PRODUCT NUMBER
51952-013--
NOTE 2

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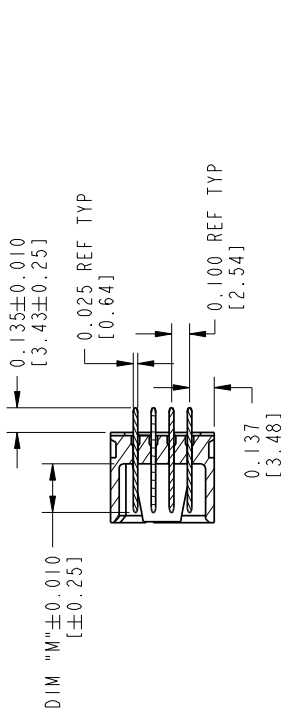


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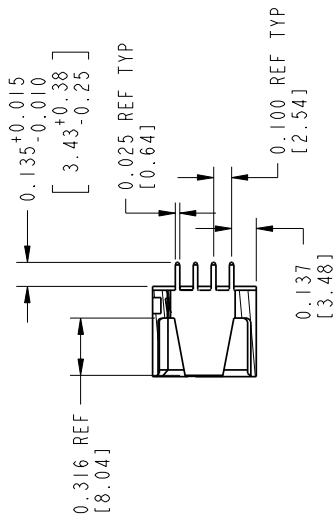
1 | 2

3 |

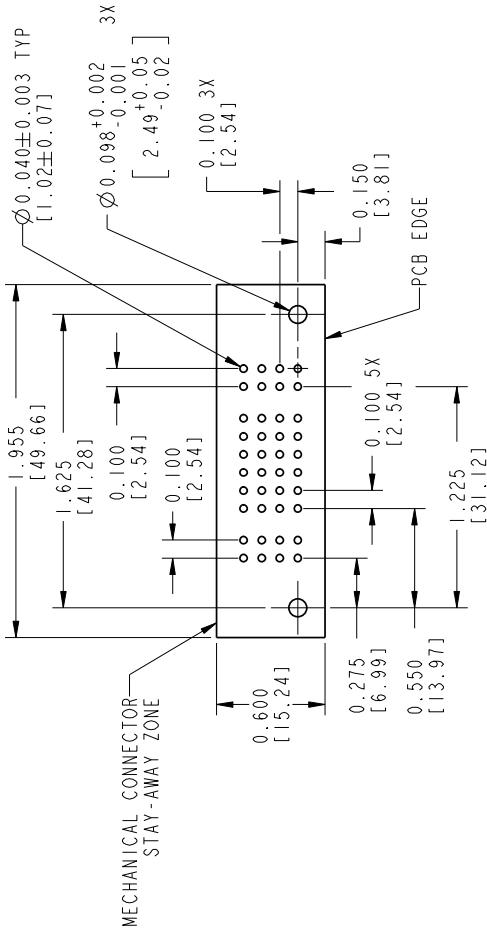
4



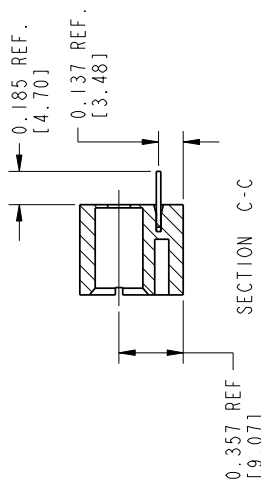
SECTION A-A



SECTION B-B



RECOMMENDED PCB LAYOUT



SECTION C-C

mat'l code		NOTE 1		tolerances unless otherwise specified		CUSTOMER		A	
lir	ecn no.	dr	date	linear	angular	projection	COPY	FCI	www.fciconnect.com
B				XXX ± .005/0.01 ± 0.13	0° ± 2°			IP + 24S + IP	
				XXX ± .002/0.01 ± 0.051				VERTICAL SOLDER HEADER	
				M. MOSTOLLER 12/20/02	dr	INCH/MM	product family	PwrBlade	code
				M. MOSTOLLER 12/20/02	engr	scale	size	dwg no	213
				H. BREWBAKER 12/20/02	chr	1:1	A	51952-013	sheet
				M. MOSTOLLER 12/20/02	appd				2 of 3
sheet index	revision	sheet							

Pro/E

1 | 2

3 |

4

code code 22526

1 | 2

3 | 4

PRODUCT NUMBER

51952-013 _ _

NOTE 2

CONNECTOR NOTES:

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

2. PLATING:
51952-013: SIGNAL PIN: 30u" / 0.76um Au OVER 50u" / 1.27um Ni ON THE CONTACT AREA
AND 100u" / 2.54um SnPb OVER 50u" / 1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u" / 0.76um Au OVER 50u" / 1.27um Ni ON THE CONTACT AREA
AND 100u" / 2.54um SnPb OVER 50u" / 1.27um Ni ON THE TERMINATION AREA
51952-013LF: SIGNAL PIN: 30u" / 0.76um Au OVER 50u" / 1.27um Ni ON THE CONTACT AREA
AND 78u" / 2.00um Sn OVER 50u" / 1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u" / 0.76um Au OVER 50u" / 1.27um Ni ON THE CONTACT AREA
AND 78u" / 2.00um Sn OVER 50u" / 1.27um Ni ON THE TERMINATION AREA
PART NUMBER 51952-013LF 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.
3. "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
4. PRODUCT SPECIFICATION GS-12-149
5. ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, UNLESS OTHERWISE SPECIFIED.
PCB NOTES:
6. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
7. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
8. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
9. Ø0.098[2.41] THROUGH HOLES ARE UNPLATED.
10. 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.

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CUSTOMER

COPY

projection

INCH/MM

scale

1:1

tolerances unless otherwise specified

XX±.010.X±0.3

XX±.0050.XX±0.13

XXX±.00200.XXX±0.051

0°±2°

dr

engr

chr

appd

12/20/02

12/20/02

12/20/02

mat'l code

ecn no.

dr

date

linear

angles

dr

engr

chr

appd

revision

sheet index

sheet

product family

PwrBlade

code

213

size

A

51952-013

sheet

3 of 3

customer

IP + 24S + 1P

VERTICAL SOLDER HEADER

product family

PwrBlade

code

213

size

A

51952-013

sheet

3 of 3

code

22526

4

Pro/E

3 | 4

4

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B

FCI

B

PDM: Rev:B STATUS: Released Printed: Dec 20, 2010