

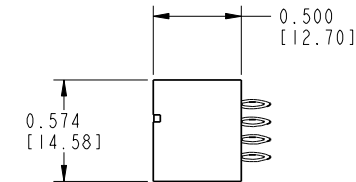
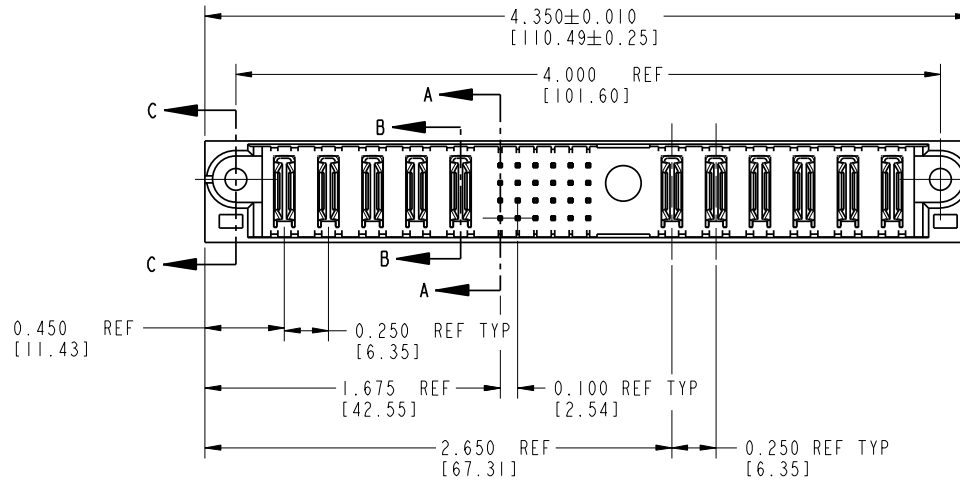
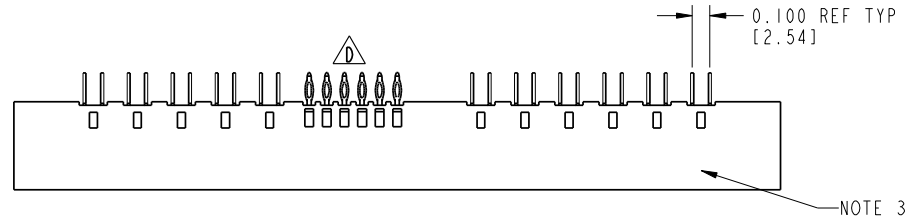


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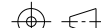
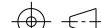


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PRODUCT No.	ROWS	POWER					SIGNAL					POWER									
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	6	MI	P6	P7		P8	P9	P10	P11
51860-002-- NOTE: 3	D		<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>G</div>	<div>G</div>	<div>G</div>	<div>G</div>	<div>G</div>		<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>PC</div>	<div>PC</div>		
	C																				
	B																				
	A																				



CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE
G	0.270 [6.86]	SIGNAL
K	0.220 [5.59]	SIGNAL
PC	[N/A] [N/A]	POWER

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection	COPY		title	5P + 24S + 1M + 6P	VERTICAL PRESS-FIT HEADER	code
A	VI2513	DAI	10/31/01		.XXX±.005/0.XX±0.13								
B	V21104	TAB	09/30/02	angles	.XXX±.0020/0.XXX±0.051			INCH/MM	PWRBLADE	size	dwg no	213	sheet
C	DG05-0572	JMG	01/05/06		0°±2°								
D	DG07-0357	JC	03/26/08	eng	J. WITMER	10/3/01							
				chr	J. ALLISON	10/3/01							
				appd	J. ALLISON	10/3/01							
sheet index		revision		D	D	D							
		sheet		1	2	3							

Pro/E

cage code 22526

PDM: Rev:D

STATUS:Released

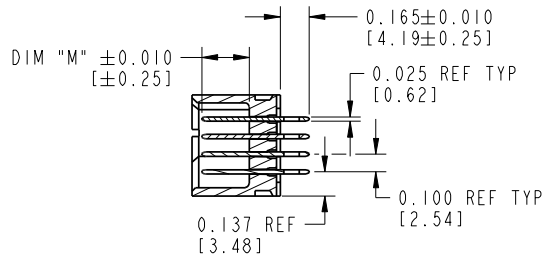
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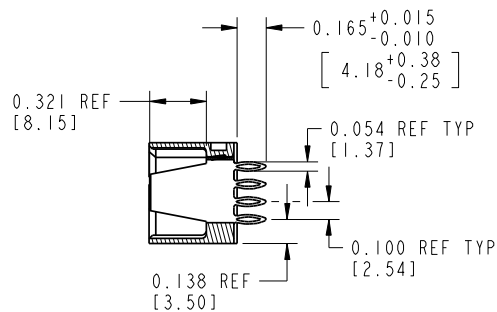


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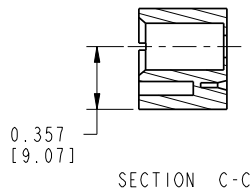
PRODUCT NUMBER
51860-002--
NOTE: 2



SECTION A-A



SECTION B-B



SECTION C-C

CONNECTOR NOTES:

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



- PLATING:
SEE PRINT 10064183 FOR PLATING SPEC OF 51860-002; 51860-002LF

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

- PRODUCT SPECIFICATION GS-12-149

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.
- FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.
- DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.
- A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				projection	.XXX±.005/0.XX±0.13	title		5P + 24S + 1M + 6P	
				angles	.XXX±.0020/0.XXX±0.051	projection		VERTICAL PRESS-FIT HEADER	
				dr	J. WITMER 10/3/01	INCH/MM		product family PWRBLADE	
				engr	J. ALLISON 10/3/01	size		dwg no	
				chr	J. ALLISON 10/3/01	scale		A 51860-002	
				appd	J. ALLISON 10/3/01	1:1		code	
sheet index	revision sheet							213	sheet 2

cage code 22526

Pro/E

PDM: Rev:D

STATUS:Released

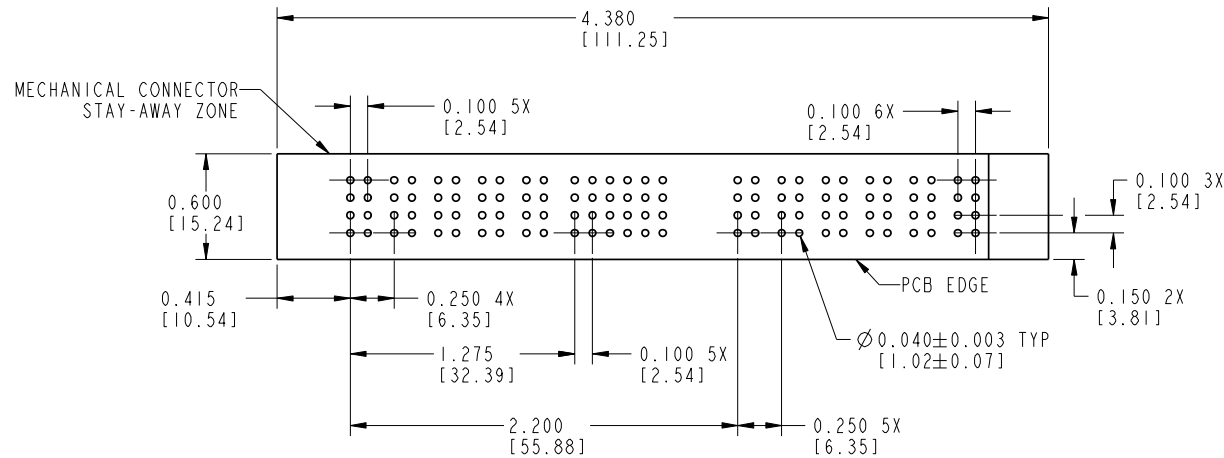
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PRODUCT NUMBER
51860-002--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				<div>FCI</div> <div>www.fciconnect.com</div>			
ltr		ecn no.		dr		date		linear		COPY				<div>projection</div> <div></div> <div>title 5P + 24S + 1M + 6P VERTICAL PRESS-FIT HEADER</div>					
D																			
								angles		0° ± 2°				<div>INCH/MM</div> <div></div> <div>scale 1:1</div>					
								dr		J. WITMER 10/3/01				product family		PWRBLADE		code	
								engr		J. ALLISON 10/3/01				size		dwg no		213	
								chr		J. ALLISON 10/3/01				A		51860-002		sheet 3	
								appd		J. ALLISON 10/3/01									
sheet index		revision sheet																	

cage code 22526

Pro/E

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