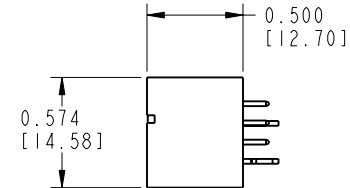
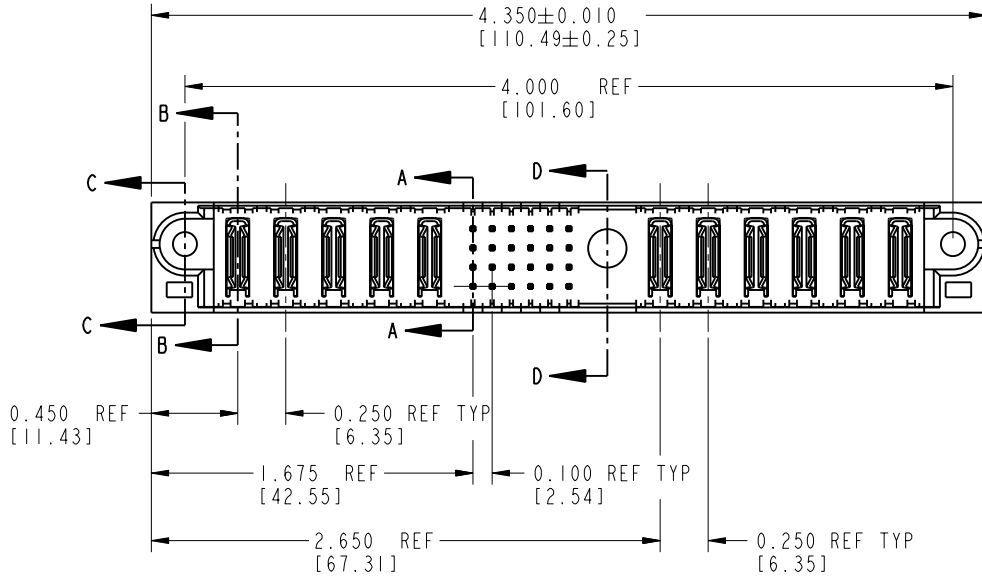
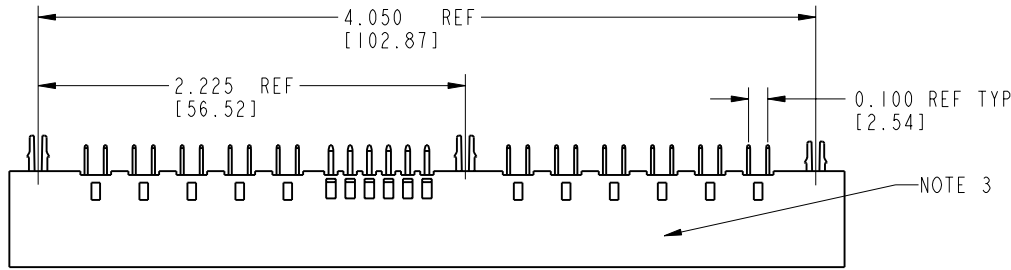


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PRODUCT No.	ROWS	POWER					SIGNAL						POWER								
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	6	M1	P6	P7	P8	P9	P10	P11	E2
51860-001-- NOTE: 2	D C B A																				



CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE
E	0.270 [6.86]	SIGNAL
H	0.220 [5.59]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title		
A	V11839	JRW	07/06/01		.XXX±.005/0.XXX±0.13		projection		5P + 24S + 1M + 6P		
B	V12513	DAI	10/18/01		.XXX±.0020/0.XXX±0.051				VERTICAL SOLDER HEADER		
C	V21104	TAB	09/30/02		° ± °		INCH/MM		product family		code
D	DG05-0530	GuoJM	12/09/05	dr	C. DAILY	03/08/01	scale		PWRBLADE		213
				engr	E. TREECE	03/07/01	1:1		size		sheet
				chr	E. TREECE	03/08/01			dwg no		1 of 3
				appd	E. TREECE	03/08/01			A 51860		
sheet index	revision sheet	D	D	D							
		1	2	3							

1 | 2

Pro/E

3 |

coge code 22526

4

PDM: Rev:D

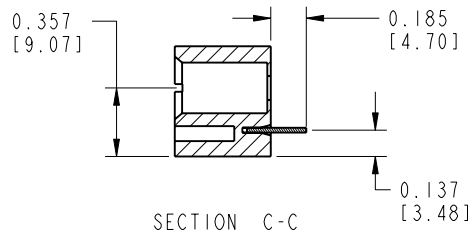
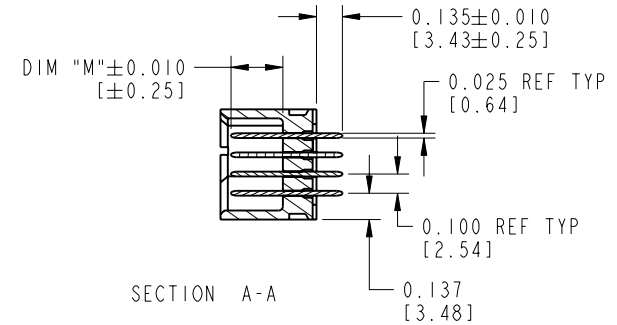
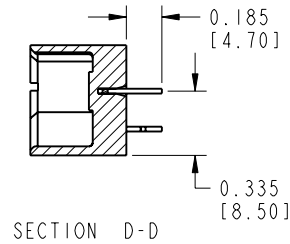
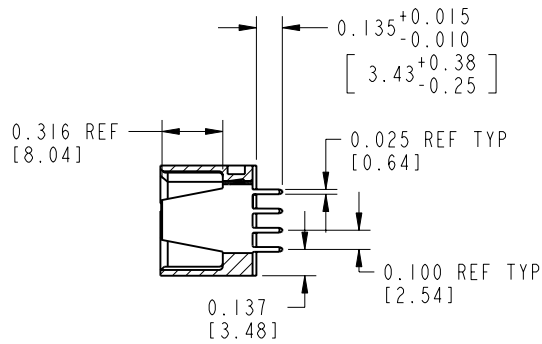
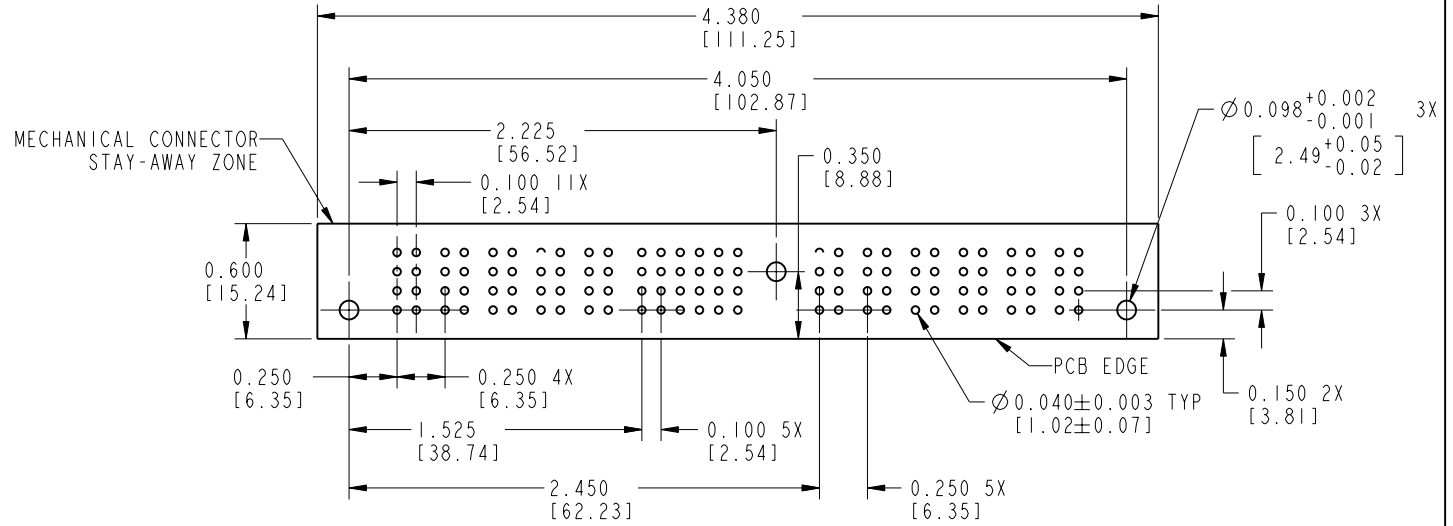
STATUS: Released

Printed: Dec 14, 2005

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PRODUCT NUMBER  
51860-001--  
NOTE: 2



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

coge code 22526

Pro/E

PDM: Rev:D

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Printed: Dec 14, 2005

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**A**  
**FCI**

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A

A

**PRODUCT NUMBER**

51860-001\_\_  
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:

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.

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

4. PRODUCT SPECIFICATION GS-12-149

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

**PCB NOTES:**


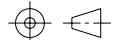
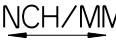
6. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

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.

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

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Pro/E

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coge code 22526

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