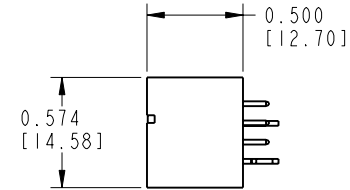
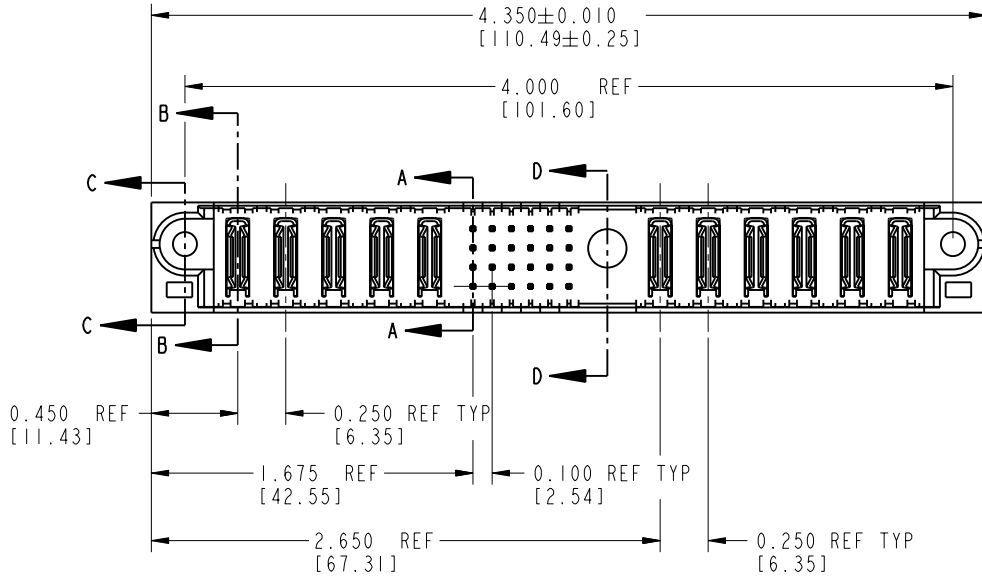
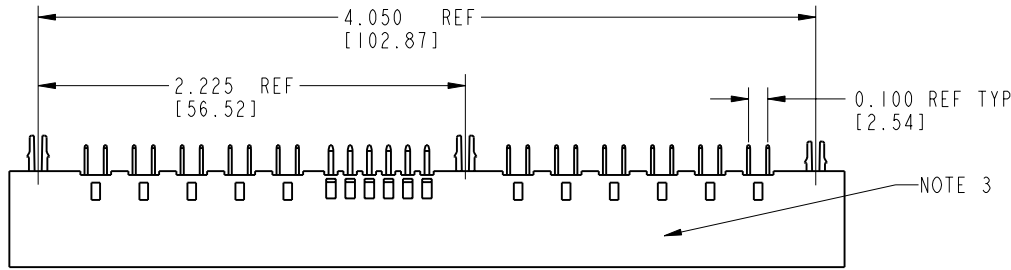


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PRODUCT No.	ROWS	POWER					SIGNAL						POWER									
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	6	M1	P6	P7	P8	P9	P10	P11	E2	
51860-001-- NOTE: 2	D C B A		PA	PA	PA	PA	PA	E	E	E	E	E	E	E	HA	PA	PA	PA	PA	PA	PA	



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							

coge code 22526

Pro/E

PDM: Rev:D

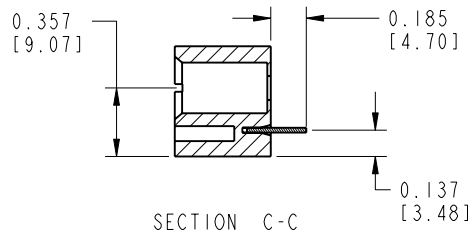
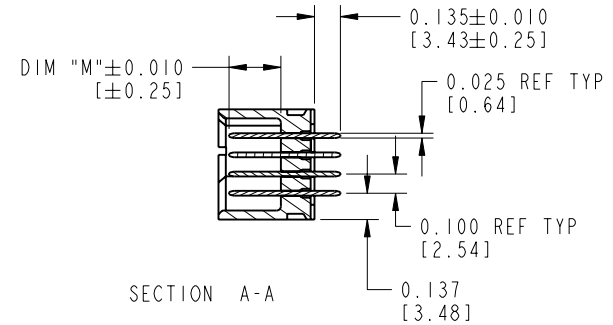
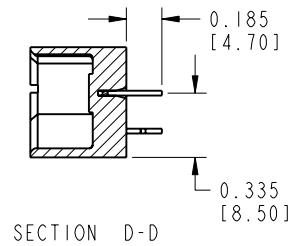
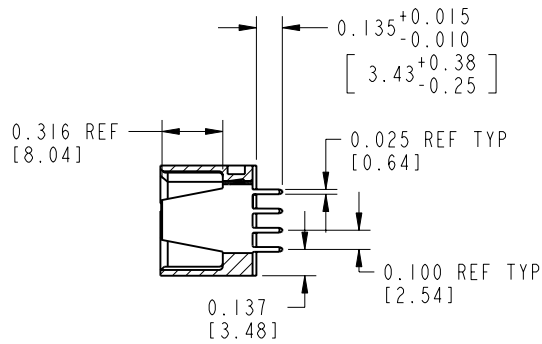
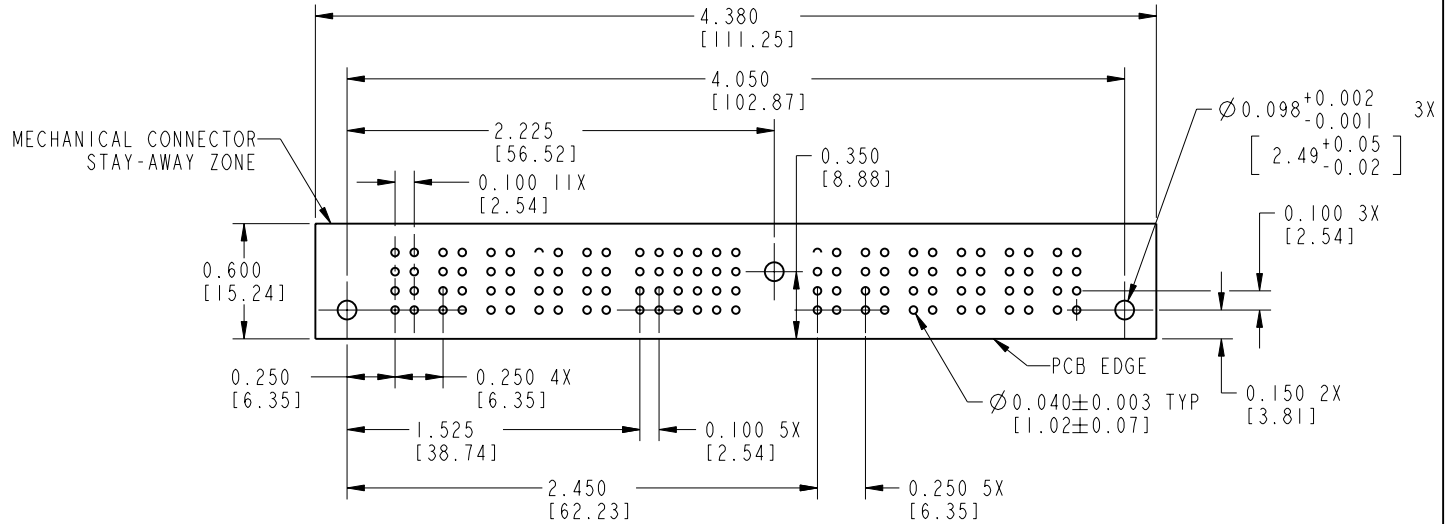
STATUS: Released

Printed: Aug 11, 2007

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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				projection	.XXX±.005/0.XX±0.13		title 5P + 24S + 1M + 6P		
				angles	.XXX±.0020/0.XXX±0.051		VERTICAL SOLDER HEADER		
		dr	C. DAILY 03/08/01	scale	0°±2°	INCH/MM	product family	PWRBLADE	code
		enrg	E. TREECE 03/07/01	1:1		size	dwg no	213	sheet
		chr	E. TREECE 03/08/01			A	51860	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

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A
FCI

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A

B

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.


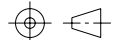
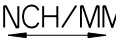
3. "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

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

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

coge code 22526

4