

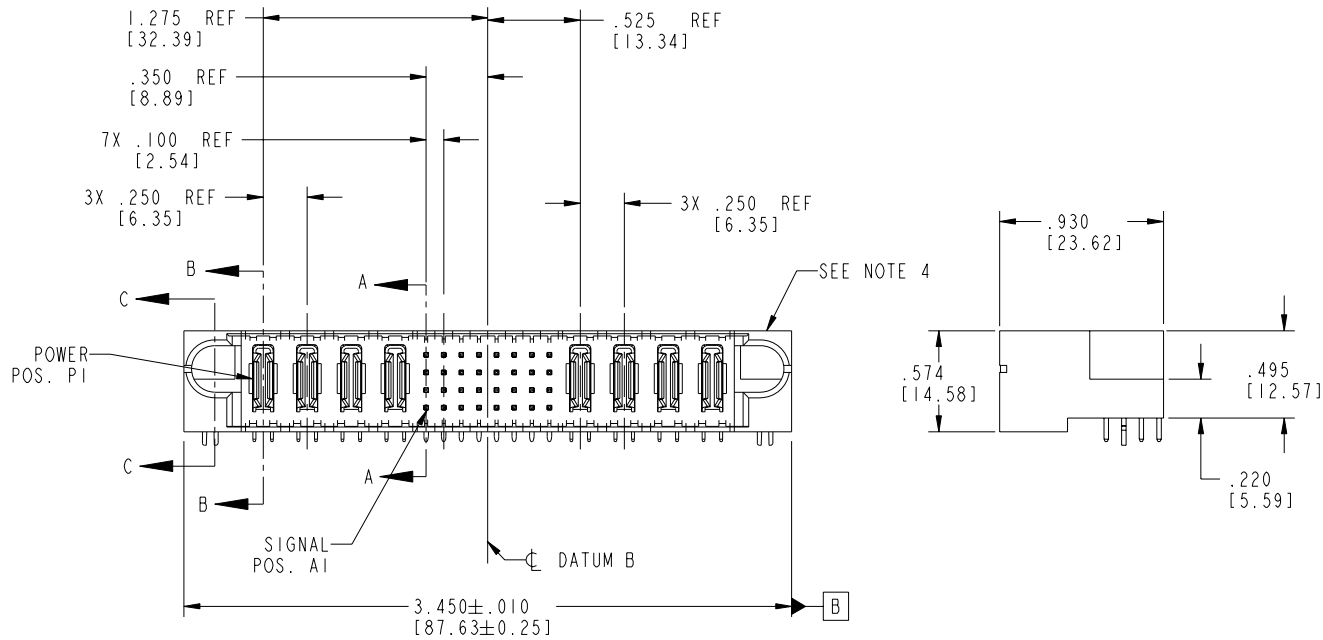
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B

PRODUCT NO.	ROW S	POWER					SIGNAL								POWER				E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	7	8	P5	P6	P7	P8	
51730-068_- NOTE:3	D C B A		PA	PA	PA	PA	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	PA	PA	PA	PA	
			UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	COPY	projection
A	V21907	MEM	12/20/02			M. MOSTOLLER	12/20/02				
B	DG05-0560	CS	12/20/05			M. MOSTOLLER	12/20/02				
						H. BREWBAKER	12/20/02				
						M. MOSTOLLER	12/20/02				
sheet index		revision	B	B	B	B				INCH/MM	
sheet		1	2	3	4					scale 1:1	
		product family		PwrBlade		code		213		sheet 1 of 4	
		size		dwg no		A		51730-068			
		cage code		22526		4					

Pro/E

PDM: Rev:B

STATUS:Released

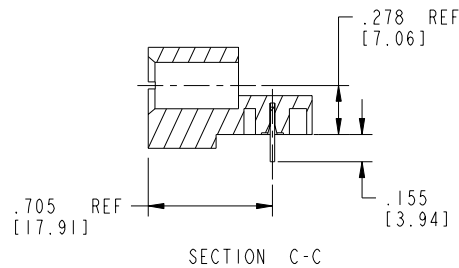
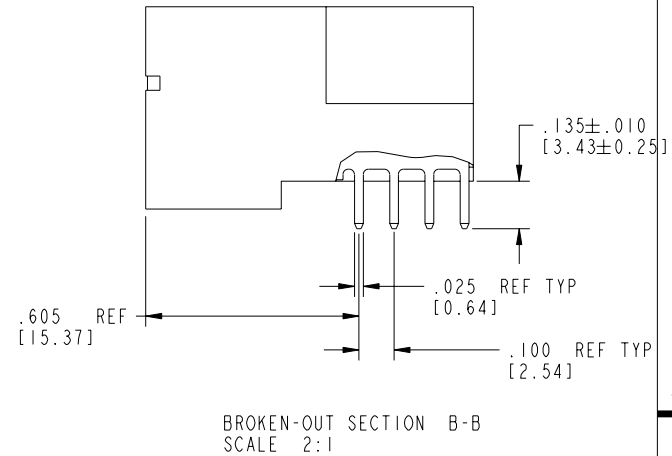
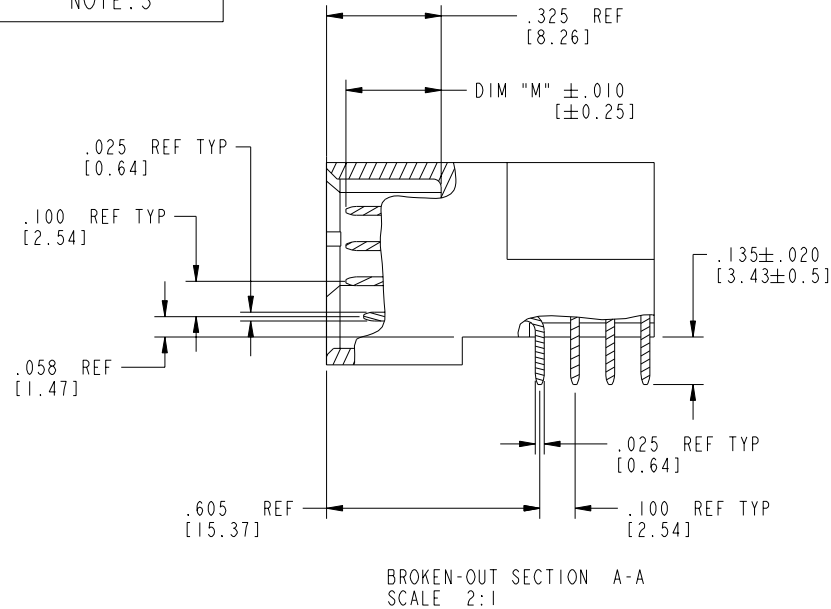
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PRODUCT NUMBER
51730-068_-
NOTE: 3



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 4P+32S+4P	
B				angles	.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER	
				dr	.XXX±.0020/0.XXX±0.051	INCH/MM		product family PwrBlade	
				engr	M. MOSTOLLER 12/20/02	scale 1:1		size dwg no	
				chr	H. BREWBAKER 12/20/02			A 51730-068	
				appd	M. MOSTOLLER 12/20/02			sheet 213	
sheet index	revision sheet							cage code 22526	
								4	

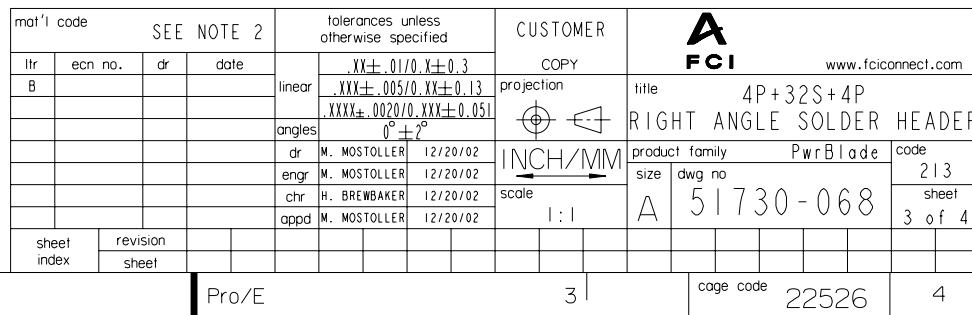
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PRODUCT NUMBER

51730-068_-
NOTE: 3

NOTES:

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

CONNECTOR NOTES:

- (2.) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51730-068 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.

51730-068LF 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 51730-068LF 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.

- (4.) MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

- (8.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- (9.) $\varnothing.0453\pm.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing.040\pm.003$ [1.02 $\pm$.07] HOLE.

- (10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- (11.) CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX+ .01/0.X+0.3	projection		COPY		title	
B					.XXX+ .005/0.XX+0.13					4P+32S+4P	
				angles	.XXXX+ .0020/0.XXX+0.051					RIGHT ANGLE SOLDER HEADER	
					0°+2°					product family	
				dr	M. MOSTOLLER 12/20/02	INCH/MM				PwrBlade	
				enrg	M. MOSTOLLER 12/20/02	scale		size		dwg no	
				chr	H. BREWBAKER 12/20/02	1:1		A		51730-068	
				appd	M. MOSTOLLER 12/20/02					code	
sheet index	revision	sheet									213
											sheet
											4 of 4

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Pro/E

3 |

cage code 22526

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