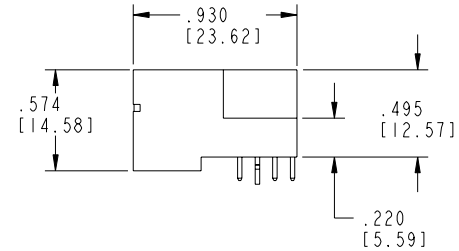
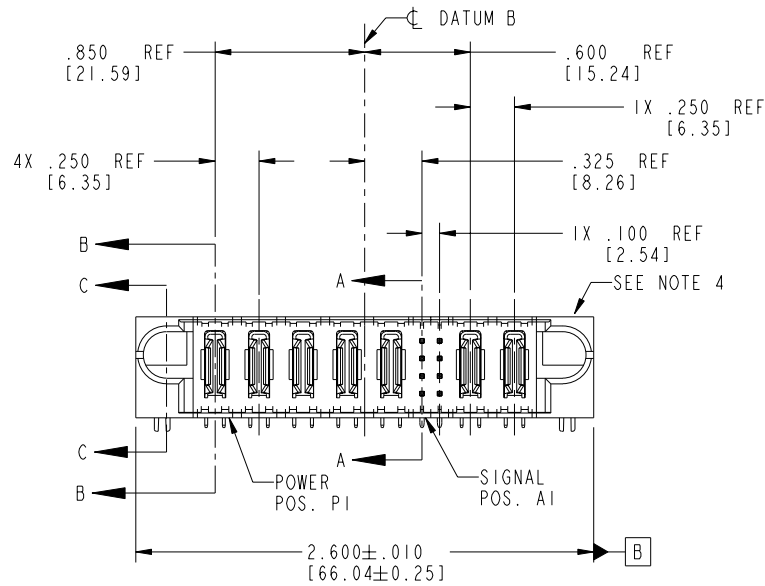


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PRODUCT NO.	ROWS	POWER					SIG		POWER		
		E1	P1	P2	P3	P4	P5	1 2	P6	P7	E2
51730-050-- NOTE: ③	D C B A		PA	PA	PA	PA	PA	HH TT SS RR	PA	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.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		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	COPY		projection	title
A	V21012	JWS	06-06-02	linear		J. SHAFFER	M. MOSTOLLER	M. MOSTOLLER	M. MOSTOLLER				5P + 8S + 2P
B	DG05-0253	SJ	407/25/05										RIGHT ANGLE SOLDER HEADER
C	DG05-0560	CS	12/26/05										
				dr	engr	chr	appd	INCH/MM		product family		code	
								1:1		PwrBlade		213	
										size		sheet	
										dwg no		1 of 4	
										A			
										51730-050			
sheet index	revision	C	C	C	C								
sheet	sheet	1	2	3	4								

Pro/E

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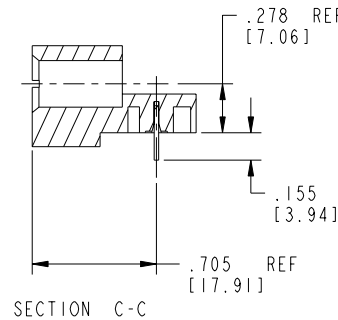
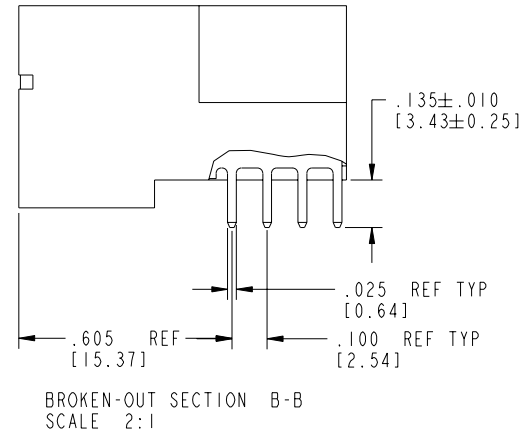
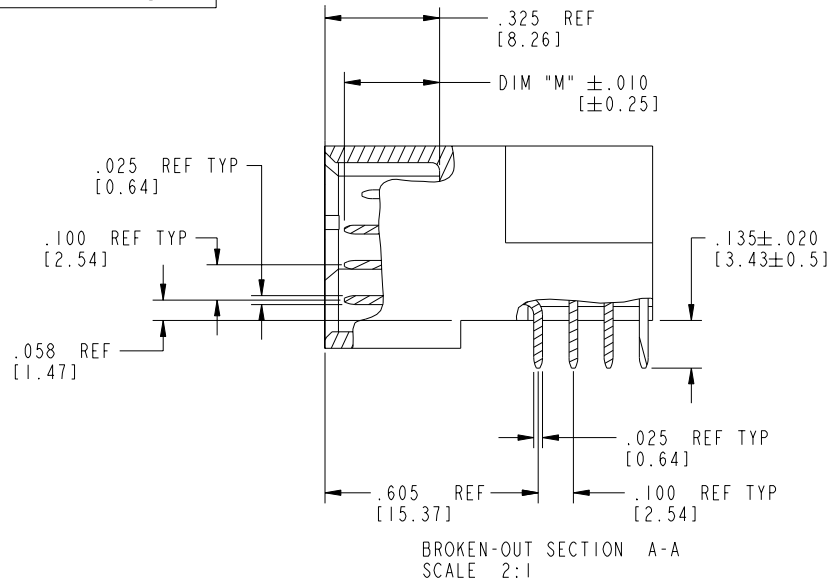
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PRODUCT NUMBER

51730-050_-
NOTE: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection	linear	projection	projection	projection	title	5P + 8S + 2P	product family	PwrBlade
C				angles	angles	angles	angles	angles	angles	RIGHT ANGLE SOLDER HEADER		code	213
				dr	J. SHAFFER	06-06-02	dr	J. SHAFFER	06-06-02	product family	PwrBlade	code	213
				engr	M. MOSTOLLER	06-06-02	engr	M. MOSTOLLER	06-06-02	size	dwg no	sheet	2 of 4
				chr	M. MOSTOLLER	06-06-02	chr	M. MOSTOLLER	06-06-02	scale	1:1	sheet	2 of 4
				appd	M. MOSTOLLER	06-06-02	appd	M. MOSTOLLER	06-06-02	scale	1:1	sheet	2 of 4
sheet index	revision	sheet											

cage code 22526

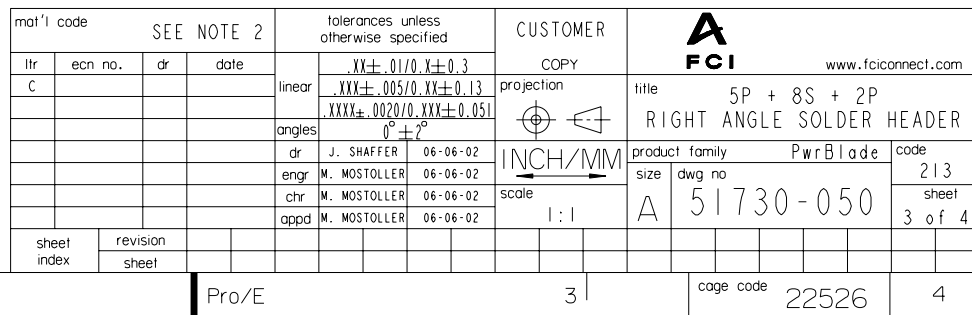
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51730-050__
NOTE: (3)

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

(2.) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED

HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

51730-050 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.

51730-050LF 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 51730-050LF 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. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

(8.) $\varnothing.0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH

0.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
Ø.040±.003 [1.02±.07] HOLE.

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

(10.) 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	$.XX \pm .01 / 0.X \pm 0.3$				COPY		projection 	title 5P + 8S + 2P RIGHT ANGLE SOLDER HEADER					
C					$.XXX \pm .005 / 0.XX \pm 0.13$												
					$.XXX \pm .002 / 0.XX \pm 0.051$												
				angles	$0^\circ \pm 2^\circ$						INCH/MM 	product family		code			
				dr	J. SHAFFER 06-06-02							PwrBlade		213			
				enrg	M. MOSTOLLER 06-06-02							size		sheet			
				chr	M. MOSTOLLER 06-06-02							dwg no		4 of			
				appd	M. MOSTOLLER 06-06-02				scale 1:1		A		51730-050				
sheet index		revision		sheet													

cage code	22526
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Pro/E

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PDM: Rev:C

STATUS: **Released**

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