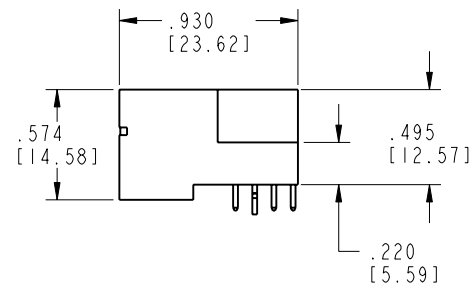
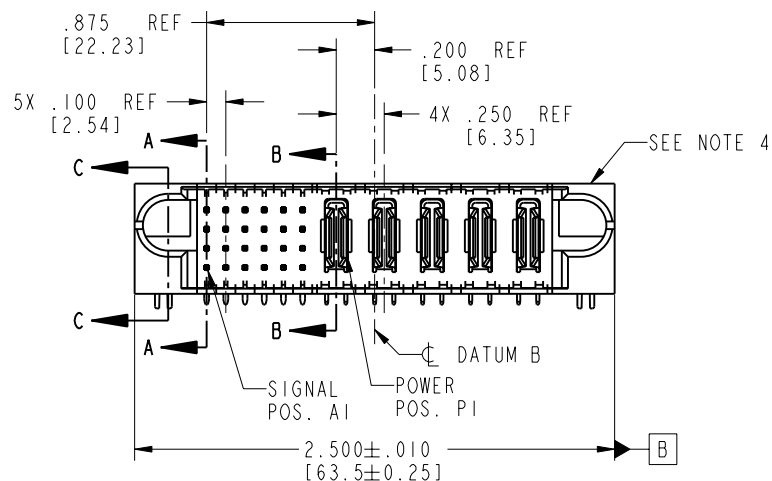


AF

PRODUCT NO.	ROWS	SIGNAL						POWER					E2					
		E1	1	2	3	4	5	6	P1	P2	P3	P4		P5				
51731-026_ NOTE: 3	D C B A		0	0	0	0	0	0		PA		PA		PA		PA		
			G	T	T	T	T	T										
			S	S	S	S	S	S										
			R	R	R	R	R	R										
			H	A	L	L	L	L										



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
E	.220	[5.59]	SIGNAL
G	.220	[5.59]	SIGNAL
H	.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		 www.fciconnect.com			
lfr		ecn no.		dr		date		linear $.XX \pm .01/0.X \pm 0.3$ $.XXX \pm .005/0.XX \pm 0.13$ $.XXXX \pm .0020/0.XXX \pm 0.051$ angles $0^\circ \pm 2^\circ$		COPY		 projection INCH/MM scale 1:1		title 24S + 5P RIGHT ANGLE SOLDER HEADER			
A		V04-1108		TAB		11/11/04				product family				PwrBlade		code	
B		DG05-0531		GuoJM		12/15/05				size				dwg no		213	
										A				51731-026		sheet 1 of 4	
sheet index		revision sheet		B		B		B		B							
				1		2		3		4							

Pro/E

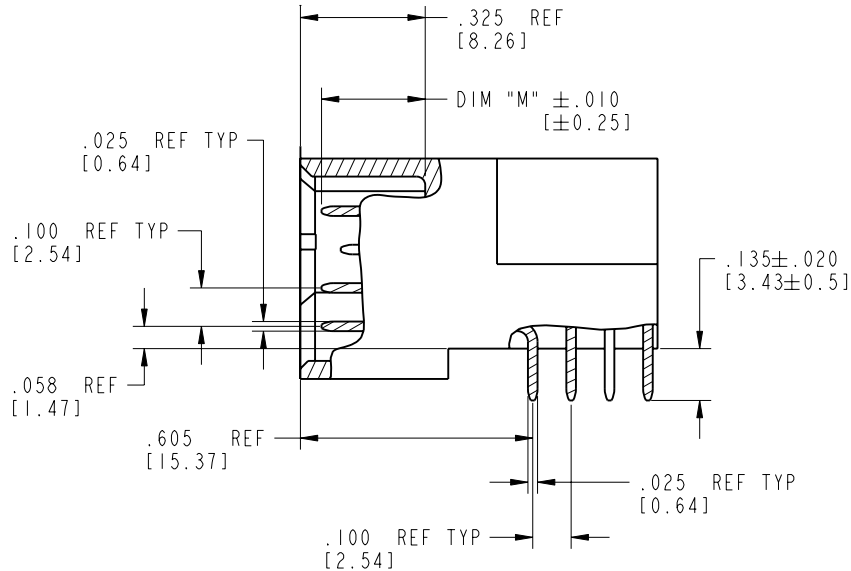
coge code	22526
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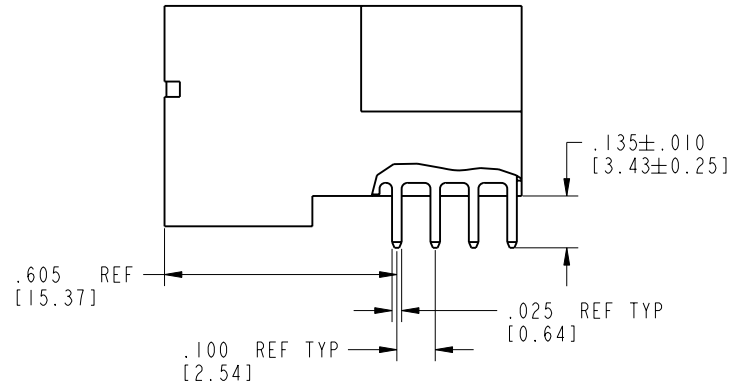
FCI

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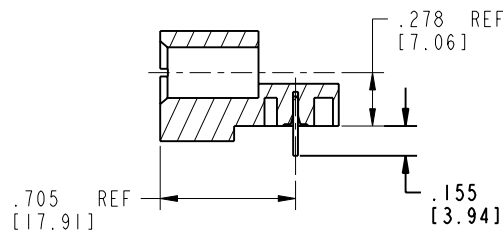
PRODUCT NUMBER
51731-026--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title	24S + 5P
				angles	.XXX±.0020/0.XX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 11/11/04	INCH/MM		product family	PwrBlade
				engr	M. GRAY 11/11/04	scale		size	213
				chr	M. GRAY 11/11/04	1:1		dwg no	51731-026
				appd	M. GRAY 11/11/04			sheet	2 of 4
sheet index	revision sheet								

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Printed: Dec 20, 2010

PRODUCT NUMBER
51731-026--
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:
51731-026 Signal 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.
51731-026LF Signal 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 51731-026LF 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. Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
Ø.040±.003 [1.02±.07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date			COPY					
B				linear	.XX±.01/0.X±0.3	projection		title		24S + 5P	
					.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER			
				angles	.XXX±.0020/0.XXX±0.051						
					0°±2°			product family		PwrBlade	
				dr	T. BRUNGARD 11/11/04						
				enrg	M. GRAY 11/11/04	INCH/MM		size		dwg no	
				chr	M. GRAY 11/11/04						
				appd	M. GRAY 11/11/04	scale		A		51731-026	
sheet index	revision	sheet									

cage code 22526