

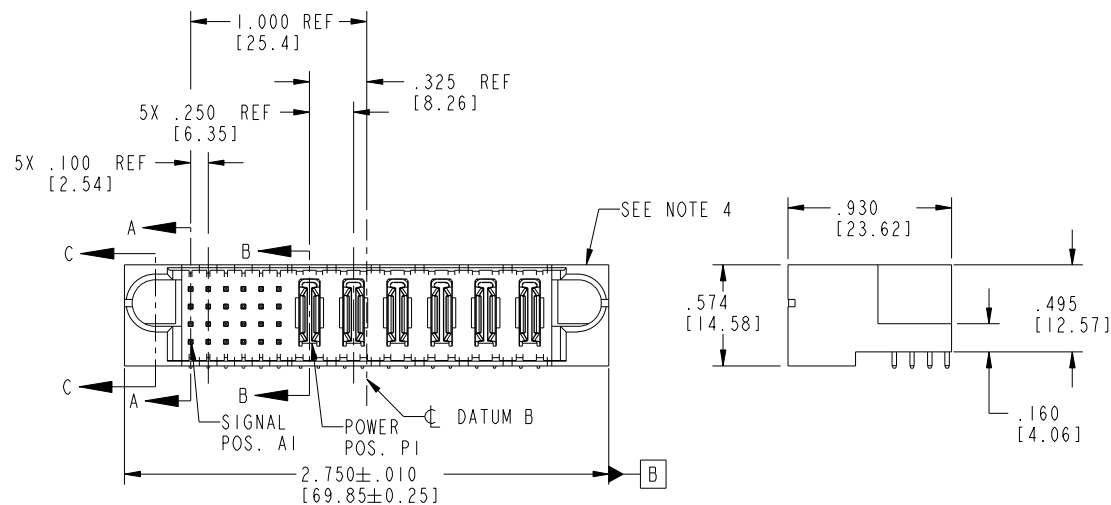


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
N	.270 [6.86]	SIGNAL
P	.270 [6.86]	SIGNAL
Q	.270 [6.86]	SIGNAL
V	.270 [6.86]	SIGNAL
PC	N/A [N/A]	POWER

PRODUCT NO.	ROWS	SIGNAL						POWER						E2	
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5		P6
51731-025-- NOTE③	D C B A		V	V	V	V	V	V	PC	PC	PC	PC	PC	PC	
			Q	Q	Q	Q	Q	Q							
			P	P	P	P	P	P							
			N	N	N	N	N	N							



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	0°±2°	copy	projection	title	24S + 6P	product family	PwrBlade
A	V04-0924	TAB	09/14/04	linear	.XXX±.005/0.XX±0.13	INCH/MM	0°±2°	copy	projection	RIGHT ANGLE SOLDER HEADER	code	213	sheet
B	DG05-0076	SW	04/10/05	angles	.XXX±.0020/0.XXX±0.051	scale	1:1	copy	projection	product family	PwrBlade	code	213
C	DG05-0531	GuoJM	12/15/05	enr		scale	1:1	copy	projection	product family	PwrBlade	code	213
D	DG08-0253	SH	09/13/08	chr		scale	1:1	copy	projection	product family	PwrBlade	code	213
				appd		scale	1:1	copy	projection	product family	PwrBlade	code	213
						scale	1:1	copy	projection	product family	PwrBlade	code	213
sheet index	revision sheet	D	D	D	D								
		1	2	3	4								

sheet index	revision sheet	D	D	D	D								
		1	2	3	4								

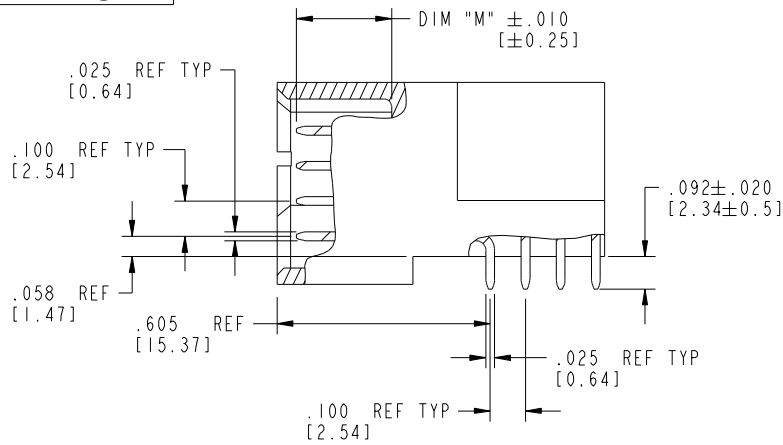
Pro/E	3	4	cage code	22526	4
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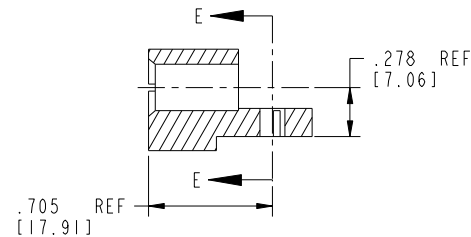


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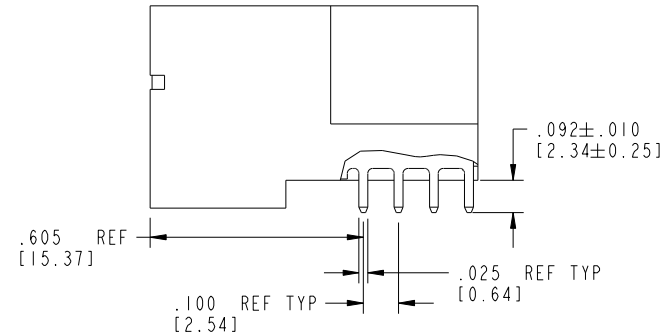
PRODUCT NUMBER
51731-025--
NOTE ③



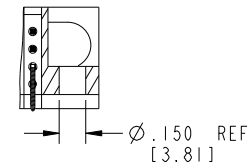
BROKEN-OUT SECTION A-A
SCALE 2:1



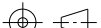
SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title			
D					.XXX±.005/0.XX±0.13		projection			24S + 6P			
					.XXX±.0020/0.XXX±0.051		INCH/MM			RIGHT ANGLE SOLDER HEADER			
				angles	0°±2°		scale		product family		code		
				dr	T. BRUNGARD 09/04/04		1:1		PwrBlade		213		
				enr	M. GRAY 09/14/04				size		sheet		
				chr	M. GRAY 09/14/04				dwg no		2 of 4		
				appd	M. GRAY 09/14/04				A 51731-025				
sheet index		revision sheet											

Pro/E

cage code 22526

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A



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B

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PRODUCT NUMBER
51731-025-- 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:
⚠ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51731-025 AND 51731-025LF RESPECTIVELY

(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 ± 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.

12: A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

mat'l code				SEE NOTE 2			tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection		title		24S + 6P	
D					.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER			
					.XXX±.0020/0.XXX±0.051									
				angles	$0^{\circ} \pm 2^{\circ}$									
				dr	T. BRUNGARD	09/04/04			INCH/MM		product family		PwrBlade	
				enrg	M. GRAY	09/14/04					size		213	
				chr	M. GRAY	09/14/04					dwg no		sheet	
				appd	M. GRAY	09/14/04			scale		A		4 of 4	
									1:1		51731-025			
sheet index		revision sheet												

A

B

1 | 2

Pro/E

3 |

cage code 22526

4