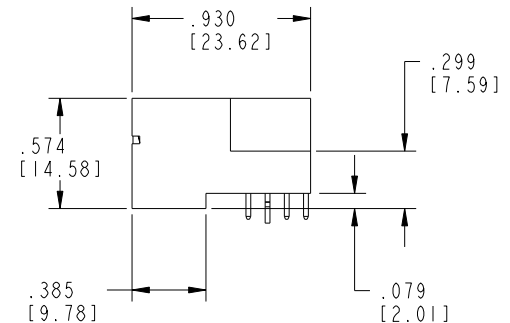
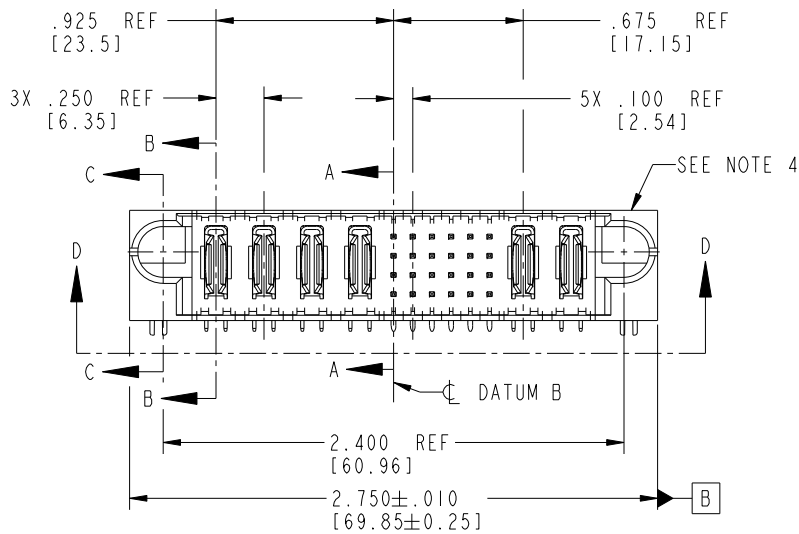
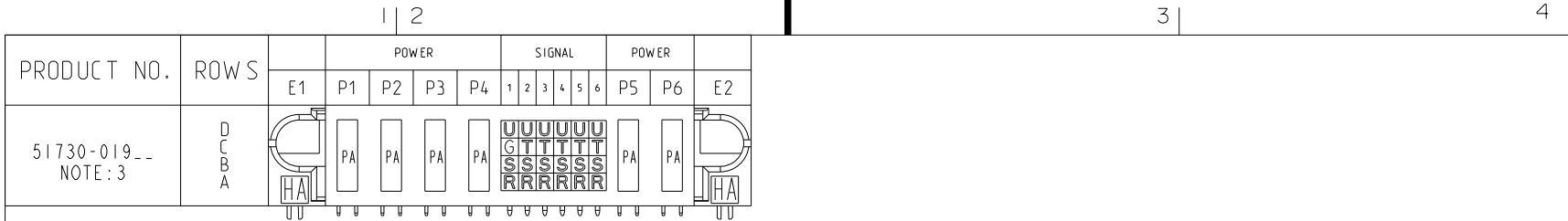


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

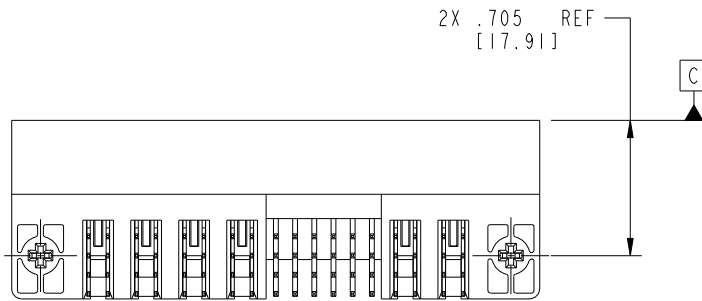
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		www.fciconnect.com	
A	V02900	CGD	12/4/00		.XXX±.005/0.XX±0.13	INCH/MM		title		4P + 24S + 2P	
B	V20150	JWS	01-22-02	angles	.XXX±.0020/0.XXX±0.051	1:1		RIGHT ANGLE SOLDER HEADER		product family	
C	DG05-0386	CS	10/12/05		0° ± 2°	scale		PwrBlade		code	
D	DG05-0560	CS	12/26/05	dr	J. SHAFER 01-22-02	A		51730-019		213	
E	DG08-0272	WD	09/29/08	engr	M. MOSTOLLER 01-22-02	1:1		size		sheet	
				chr	M. MOSTOLLER 01-22-02			dwg no		1 of 4	
				appd	M. MOSTOLLER 01-22-02			A			
sheet index	revision sheet	E	E	E	E						
		1	2	3	4						

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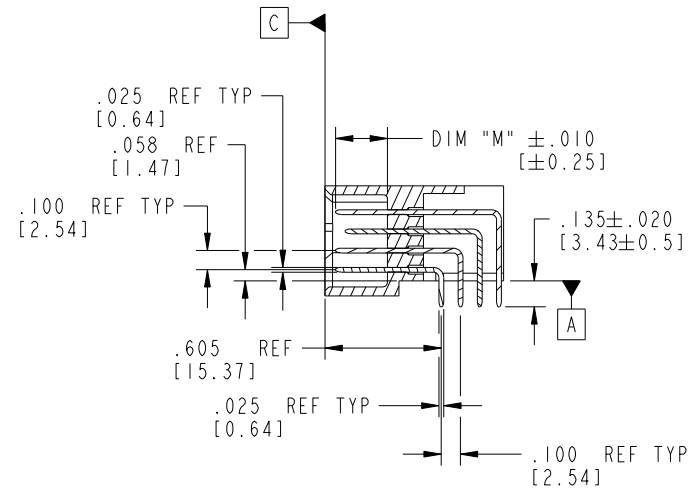
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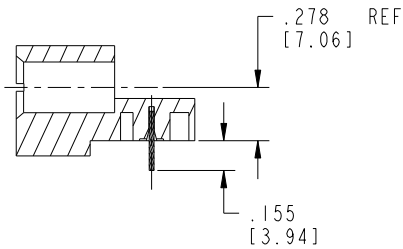
PRODUCT NUMBER
51730-019--
NOTE:3



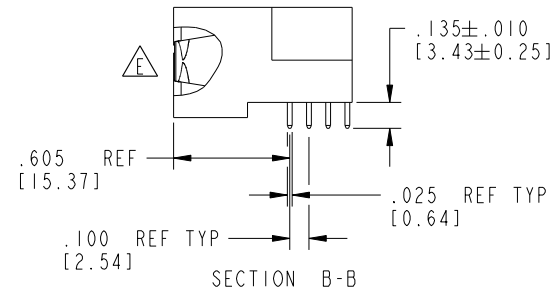
VIEW D-D



SECTION A-A



SECTION C-C



SECTION B-B

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title		
E					.XXY±.005/0.XX±0.13		4P + 24S + 2P		
				angles	.XXX±.0020/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER		
				dr	J. SHAFFER 01-22-02	INCH/MM	product family	PwrBlade	code
				engr	M. MOSTOLLER 01-22-02	scale	size	dwg no	213
				chr	M. MOSTOLLER 01-22-02	1:1	A	51730-019	sheet
				appd	M. MOSTOLLER 01-22-02				2 of 4
sheet index	revision sheet								

Pro/E

PDM: Rev: E

STATUS: Released

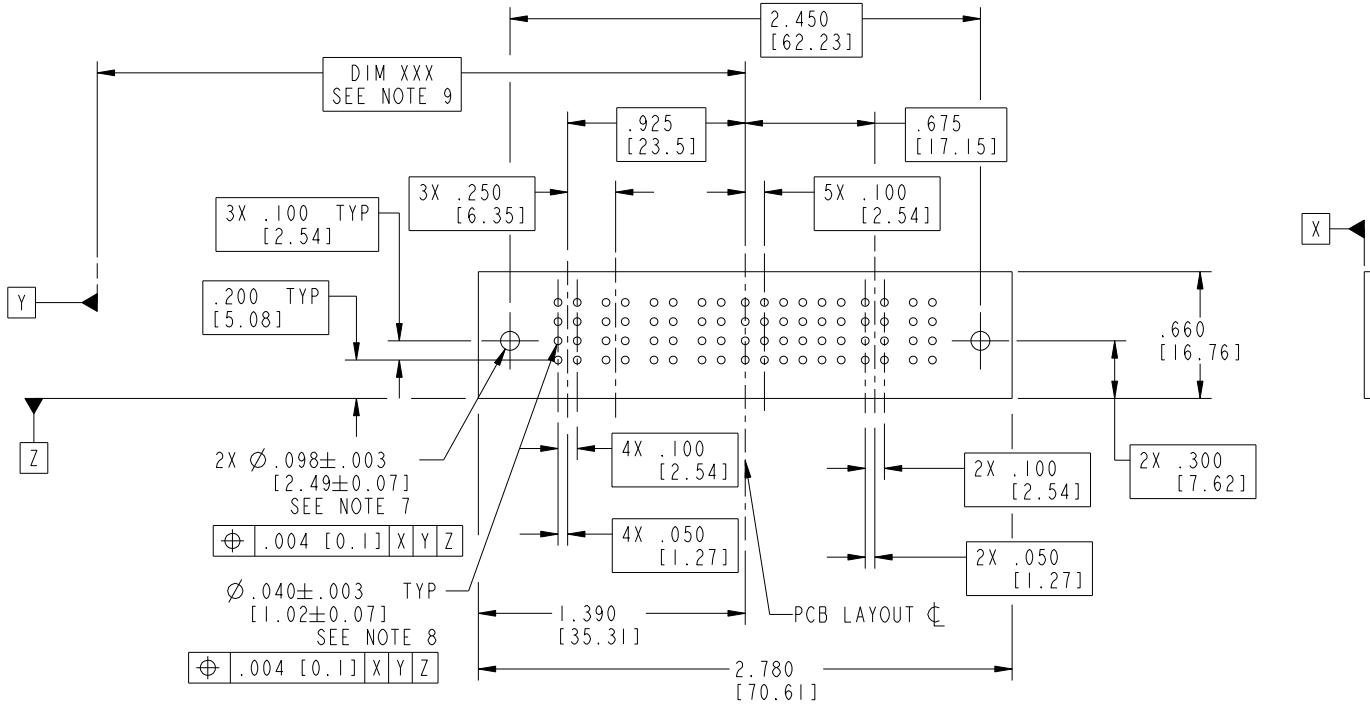
Printed: Oct 17, 2008

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PRODUCT NUMBER
51730-019--
NOTE:3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
E				angles	.XXX±.005/0.XX±0.13	projection		4P + 24S + 2P	
					.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 01-22-02	INCH/MM		product family	
				engr	M. MOSTOLLER 01-22-02	scale		PwrBlade	
				chr	M. MOSTOLLER 01-22-02	1:1		code	
				appd	M. MOSTOLLER 01-22-02	A		213	
sheet index		revision sheet				size		sheet	
						A		3 of 4	
						51730-019			

code code 22526

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Oct 17, 2008



1 | 2

3 |

4

PRODUCT NUMBER
51730-019--
NOTE: 3

NOTES:

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

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

③ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-019 AND 51730-019LF RESPECTIVELY.

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

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ HOLD DOWN THROUGH HOLES 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 $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.

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

10. A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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	
E					.XXX±.005/0.XX±0.13	INCH/MM		RIGHT ANGLE		4P + 24S + 2P	
				angles	.XXX±.0020/0.XXX±0.051	1:1		product family		code	
				dr	0° ± 2°	scale		PwrBlade		213	
				engr	J. SHAFFER 01-22-02	A		size		sheet	
				chr	M. MOSTOLLER 01-22-02	51730-019		dwg no		4 of 4	
				appd	M. MOSTOLLER 01-22-02						
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Oct 17, 2008