

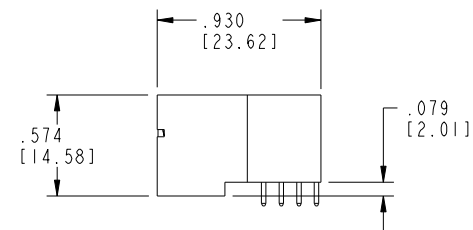
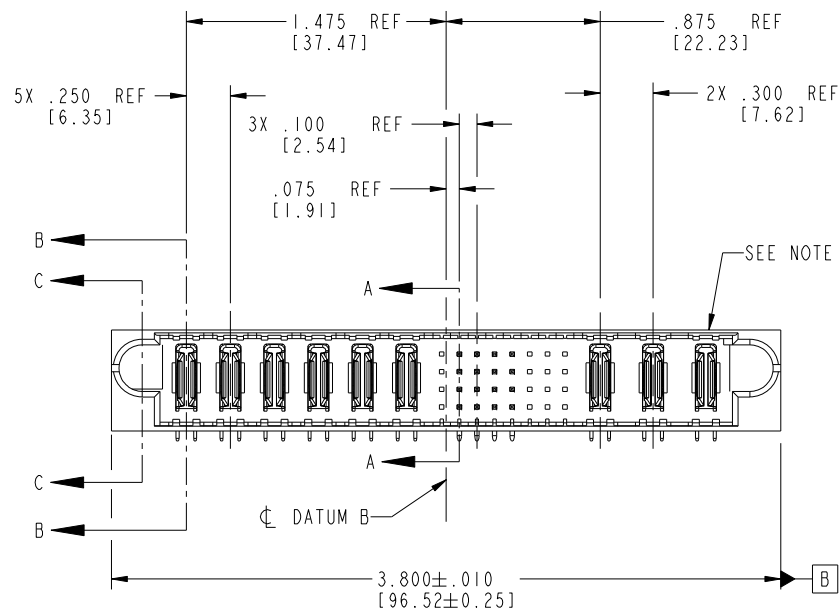


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

PRODUCT NO.	ROWS	POWER						SIGNAL								POWER			E2	
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	P7	P8		P9
51935-002-- NOTE: ③	D C B A		PA	PA	PA	PA	PA	PA	X	H	U	U	X	X	X	X	PA	PA	PA	
									X	T	G	T	X	X	X	X				
									X	S	S	S	X	X	X	X				
									X	R	R	R	X	X	X	X				



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY		projection		title	
A	V20024	DAI	01/18/02	linear		.XX±.01/0.X±0.3						6P + 32S + 3P	
B	V20464	DAI	03/07/02			.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER w/ GUIDE POST	
C	V21561	CGD	10/02/02	angles		.XXX±.0020/0.XXX±0.051							
D	DG05-0216	SJ	07/11/05	dr		0°±2°							
E	DG06-0005	JMG	01/07/06	enrg		D. INGRAM 01/18/02						product family	PwrBlade
F	DG08-0273	WD	12/24/08	chr		M.MOSTOLLER 01/18/02						size	dwg no
				appd		M.MOSTOLLER 01/18/02						scale	51935-002
												sheet	213
												1 of 4	
sheet index	revision	F	F	F	F								
	sheet	1	2	3	4								

Pro/E

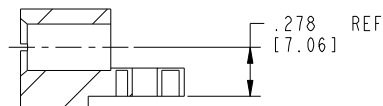
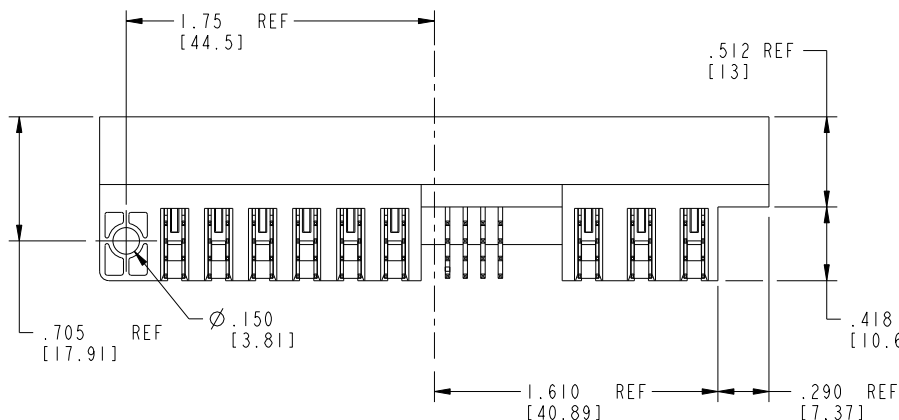
cage code 22526

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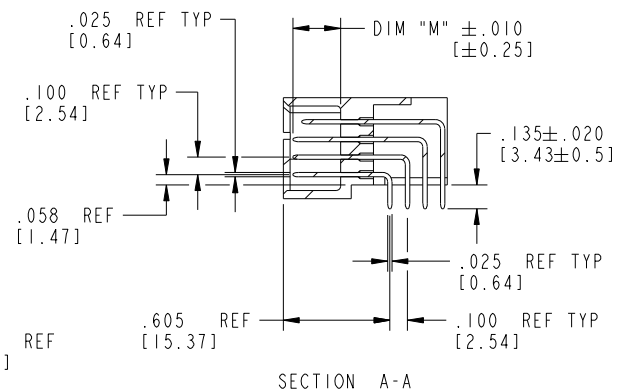


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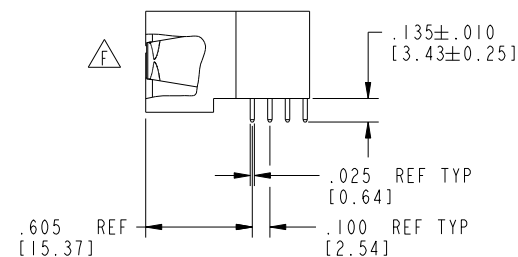
PRODUCT NUMBER
51935-002--
NOTE: ③



SECTION C-C



SECTION A-A



SECTION B-B

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
F					.XXX±.005/0.XX±0.13	projection		title 6P + 32S + 3P	
					.XXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER w/ GUIDE POST	
				angles	0°±2°	scale		product family PwrBlade	
				dr	D. INGRAM 01/18/02	1:1		size	
				enrg	M. MOSTOLLER 01/18/02	A		dwg no	
				chr	M. MOSTOLLER 01/18/02			51935-002	
				appd	M. MOSTOLLER 01/18/02			code 213	
sheet index		revision sheet						sheet 2 of 4	

Pro/E

cage code 22526

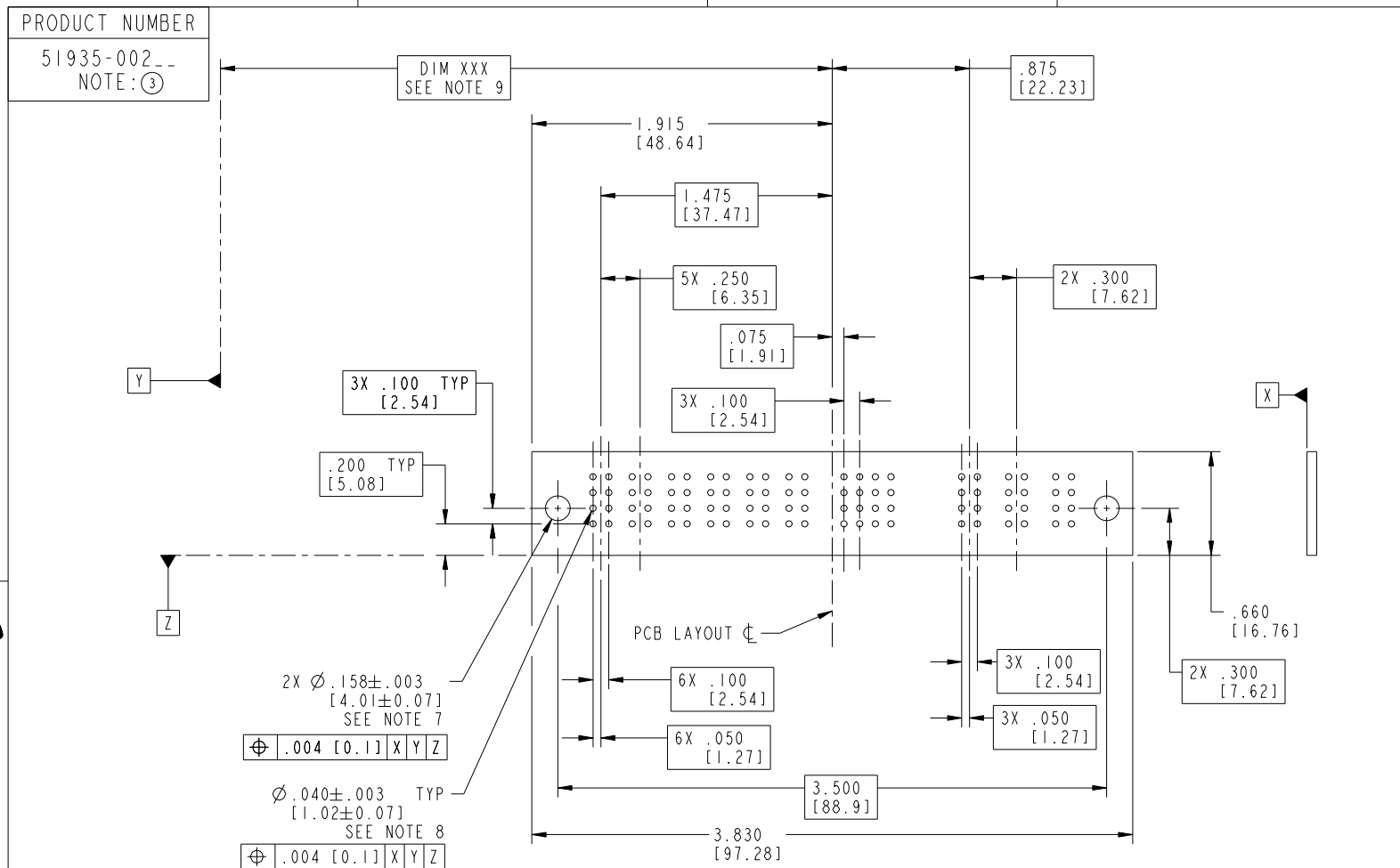


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A

B



A

B

1 | 2

Pro/E

3 |

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4

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PRODUCT NUMBER
51935-002-- 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 51935-002 AND 51935-002LF 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. $\varnothing.0453\pm0.0010$ [1.151 ± 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△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	ecr no.	dr	date					COPY					
F						linear	$.XX\pm.01/0.X\pm0.3$	projection		title		6P + 32S + 3P	
							$.XXX\pm.005/0.XX\pm0.13$			RIGHT ANGLE SOLDER HEADER w/ GUIDE POST			
						angles	$.XXX\pm.0020/0.XXX\pm0.051$						
							$0^{\circ}\pm2^{\circ}$			product family		code	
						dr	D. INGRAM 01/18/02			PwrBlade		213	
						enrg	M.MOSTOLLER 01/18/02	scale		size	dwg no	sheet	
						chr	M.MOSTOLLER 01/18/02			A	51935-002	4 of 4	
						appd	M.MOSTOLLER 01/18/02	1:1					
sheet index	revision sheet												

cage code 22526

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[51935-002](#) [51935-002LF](#)