

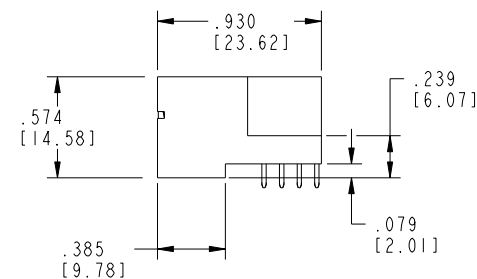
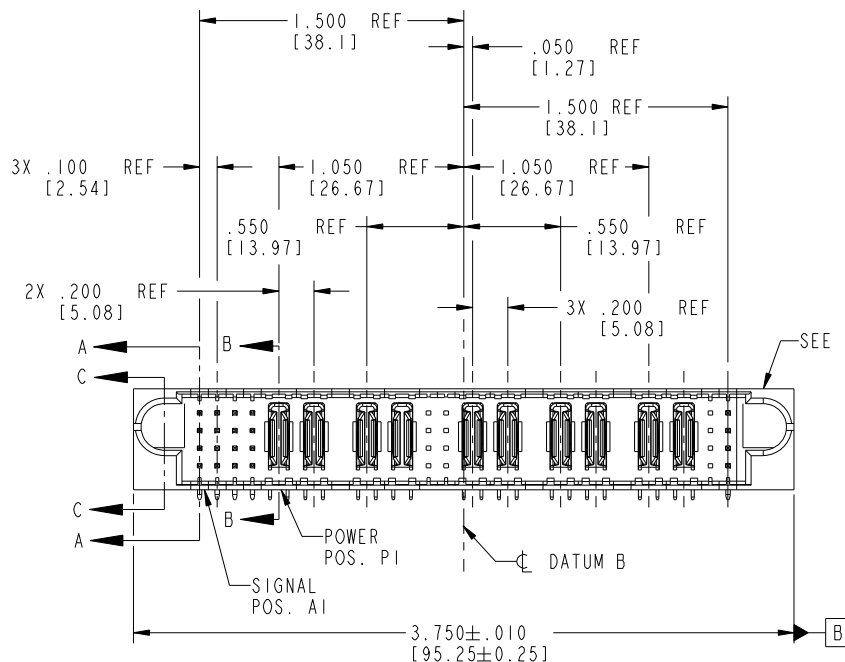


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

PRODUCT NO.	ROWS	SIG				POWER				SIG				POWER				SIG			
		E1	1	2	3	4	P1	P2	P3	P4	5	6	P5	P6	P7	P8	P9	P10	7	8	E2
51939-005	DCBA		U	U	U	U	PA	PA	PA	PA	X	X	PA	PA	PA	PA	PA	PA	X	X	
NOTE: ③			T	T	T	T					X	X							X	X	
			R	R	R	R					X	X							X	X	
			R	R	R	R					X	X							X	X	



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date									COPY			
H	DG05-0258	SJ	07/29/05	linear				.XX±.01/0.X±0.3				projection			
J	DG06-0008	JMG	01/07/06					.XXX±.005/0.XX±0.13				INCH/MM			
K	DG08-0273	WD	12/22/08	angles				.XXX±.0020/0.XXX±0.051				scale			
								0°±2°				1:1			
				dr	D. INGRAM	01/08/02						product family			
				enrg	J. ALLISON	01/08/02						PwrBlade			
				chr	J. ALLISON	01/08/02						size			
				appd	J. ALLISON	01/08/02						dwg no			
sheet index		revision sheet		K	K	K	K					A			
				1	2	3	4					51939-005			
												code			
												213			
												sheet			
												1 of 4			
												cage code			
												22526			

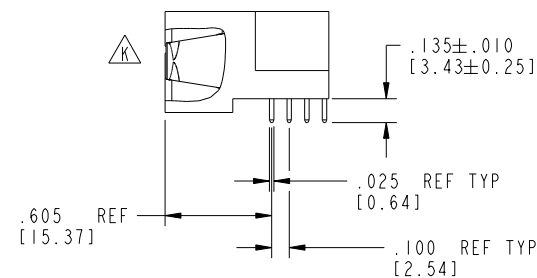
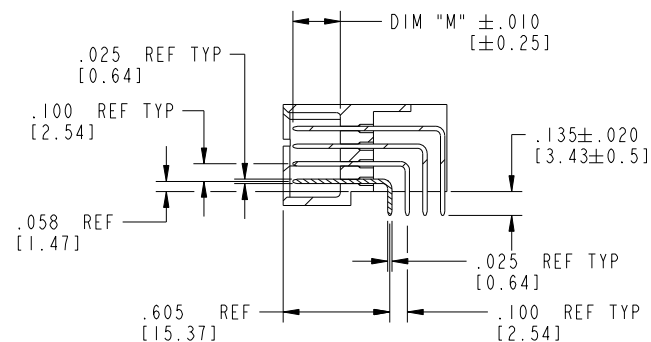
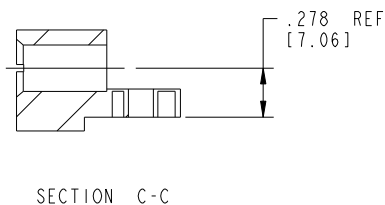
Pro/E

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PRODUCT NUMBER
51939-005--
NOTE: ③



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 16S + 4P + 8S + 6P + 8S RIGHT ANGLE SPECIAL HEADERS							
K										.XXX±.005/0.XX±0.13				projection											
								angles		.XXX±.0020/0.XXX±0.051								product family PwrBlade				code 213			
										0°±2°															
								dr		D. INGRAM 01/08/02				INCH/MM				product family PwrBlade				code 213			
								enrg		J. ALLISON 01/08/02															
								chr		J. ALLISON 01/08/02				scale 1:1				size A 51939-005				sheet 2 of 4			
								appd		J. ALLISON 01/08/02															
sheet index		revision sheet																							

Pro/E

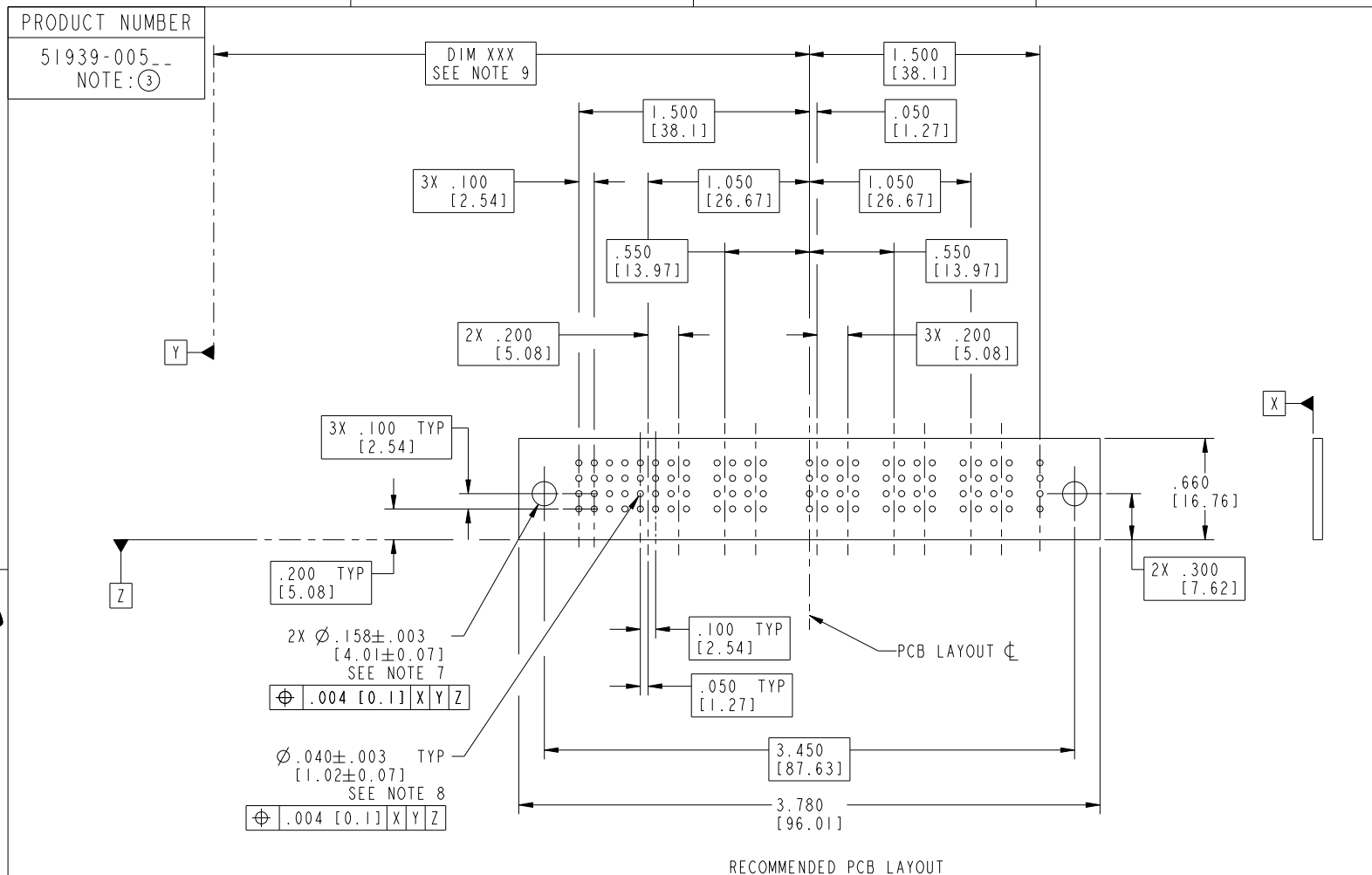


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mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY			title 16S + 4P + 8S + 6P + 8S RIGHT ANGLE SPECIAL HEADER	
K					$.XXX \pm .005 / 0.XX \pm 0.13$		projection				
					$.XXX \pm .0020 / 0.XXX \pm 0.051$						
				angles	$0^\circ \pm 2^\circ$						
		dr			D. INGRAM	01/08/02			product family PwrBlade		code
		enrg			J. ALLISON	01/08/02			size	dwg no	213
		chr			J. ALLISON	01/08/02					sheet
		appd			J. ALLISON	01/08/02	scale 1:1		A 51939-005		3 of 4
sheet index		revision sheet									

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PRODUCT NUMBER
51939-005_- 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 51939-005 AND 51939-005LF 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 ± 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 △ K SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

A

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
ltr		ecn no.		dr		date								COPY									
K								linear		.XX±.01/0.X±0.3				projection		title 16S + 4P + 8S + 6P + 8S							
										.XXX±.005/0.XX±0.13						RIGHT ANGLE SPECIAL HEAD							
								angles		.XXX±.0020/0.XXX±0.051													
										0°±2°													
								dr		D. INGRAM 01/08/02				INCH/MM		product family		PwrBlade		code			
								enrg		J. ALLISON 01/08/02				scale		size		dwg no		213			
								chr		J. ALLISON 01/08/02						A		51939-005		sheet			
								appd		J. ALLISON 01/08/02										4 of 4			
sheet index		revision sheet																					

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1 | 2

Pro/E

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cage code 22526

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