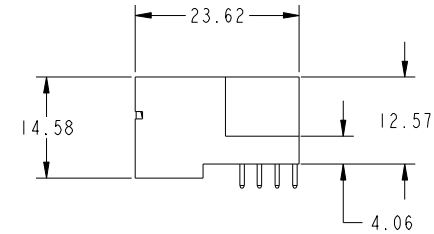
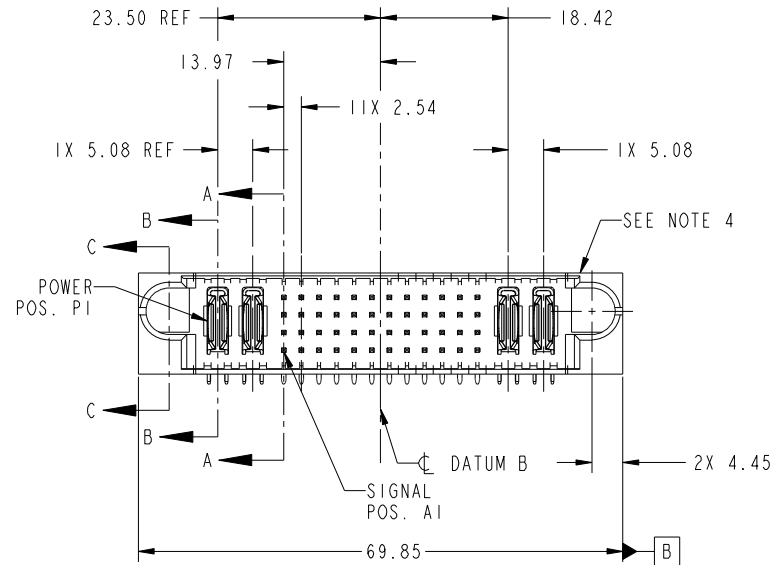


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PRODUCT NO.	ROWS			POWER		SIGNAL												POWER		
		E1	P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4	E2	
51939-433-- NOTE 3	D C B A		PA	PA	UU	HH	UU	HH	UU	HH	UU	HH	UU	HH	UU	HH	PA	PA		
					GG	TT	GG	GG	TT	GG	GG	TT	GG	GG	TT	GG				
					SS	FF	FF	FF	SS	FF	FF	FF	SS	FF	FF	FF				
					EE	RR	EE	EE	RR	EE	EE	RR	EE	EE	RR	EE				



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL
G	[5.59]	SIGNAL
H	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG09-0120	JW	04/15/09	linear		0.X ±0.5		projection		title	
				angles		0.XX ±0.25				2P + 48S + 2P	
						0.XXX ±0.1		MIM		RIGHT ANGLE SOLDER HEADER	
				dr	JULIA WANG	04/15/09		scale		product family	PwrBlade
				enrg	JEROME CHEN	04/15/09		1:1		size	code
				chr	GARY HSIEH	04/15/09				dwg no	213
				appd	JOSEPH HSIA	04/15/09				51939-433	sheet
sheet index	revision sheet	A	A	A	A						1 of 4
		1	2	3	4						

Pro/E

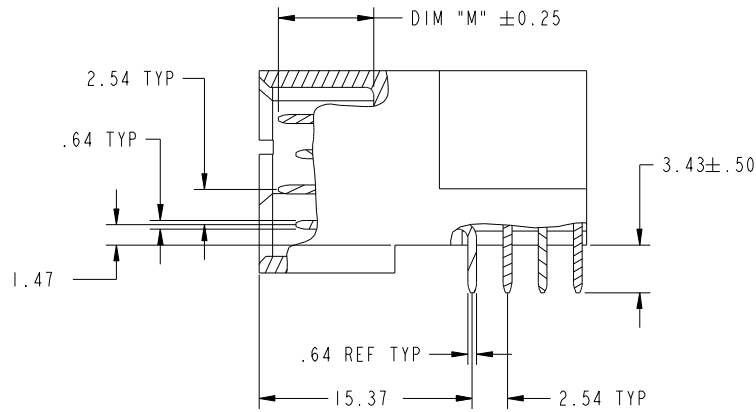
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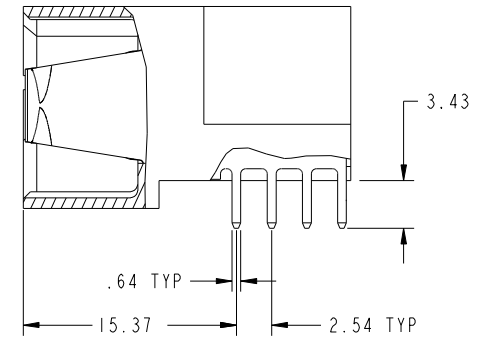


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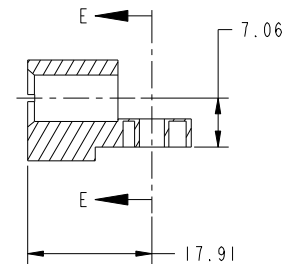
PRODUCT NUMBER
51939-433-
NOTE: 3



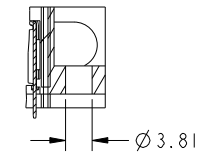
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A						linear	0.XX ±0.25	projection		title	
						angles	0.XXX ±0.1			2P + 48S + 2P	
						dr	0° ±2°			RIGHT ANGLE SOLDER HEADER	
						enr	JULIA WANG 04/15/09			product family	
						enr	JEROME CHEN 04/15/09			PwrBlade	
						chr	GARY HSIEH 04/15/09			code	
						appd	JOSEPH HSIA 04/15/09			213	
sheet index		revision sheet						scale		size	
								1:1		dwg no	
										51939-433	
										sheet	
										2 of 4	

Pro/E

cage code 22526

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PRODUCT NUMBER
51939-433_- 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 51939-433; 51939-433LF RESEPECTIVELY.
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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ± 0.5		COPY			title			
A					0.XX ± 0.25		projection			2P + 48S + 2P			
				angles	0.XXX ± 0.1				RIGHT ANGLE SOLDER HEADER				
					0° ± 2°								
		dr	JULIA WANG	04/15/09					product family		PwrBlade	code	
		enrg	JEROME CHEN	04/15/09					size		dwg no	213	
		chr	GARY HSIEH	04/15/09			scale		A		51939-433	sheet	
		appd	JOSEPH HSIA	04/15/09			1:1					4 of	
sheet index		revision sheet											

cage code 22526