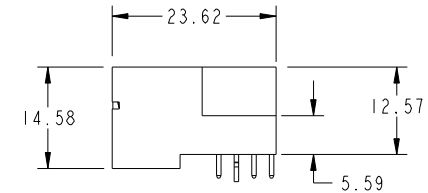
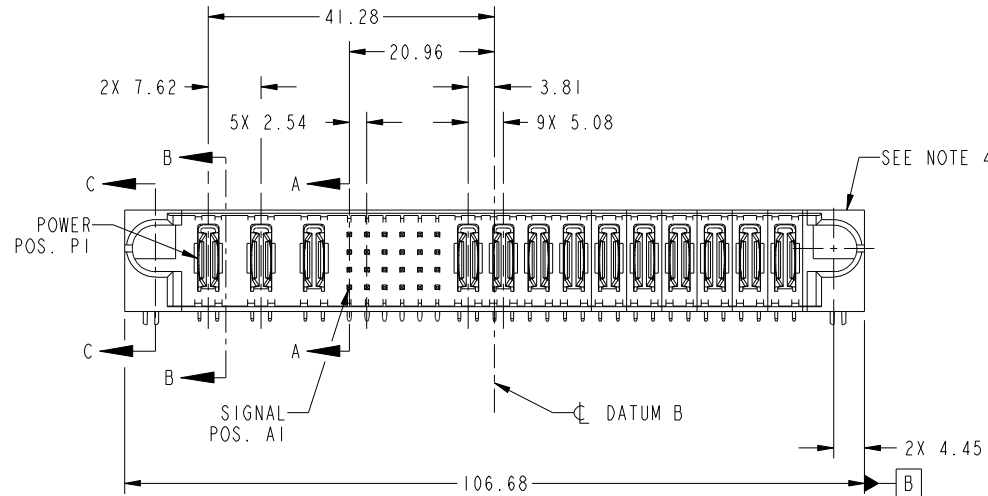


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PRODUCT NO.	ROWS		POWER				SIGNAL						POWER										
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	E2	
51939-455- NOTE 3	D C B A		PA	PA	PA	UUUUUU TTTTTT SSSSSS RRRRRR						PA	PA	PA	PA	PA	PA	PA	PA	PA	PA		
		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG09-0301	WD	09/14/09	linear		0.X ±0.5		projection		title 3ACP + 24S + 10P RIGHT ANGLE SOLDER HEADER	
				angles		0.XX ±0.25				product family	PwrBlade
				dr	Warren Du	07/13/09		MIM		size	dwg no
				enrg	Warren Du	07/13/09		scale		A	51939-455
				chr	PM ZHENG	07/13/09		1:1			code 213
				appd	JOSEPH HSIA	07/13/09					sheet 1 of 4
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

Pro/E

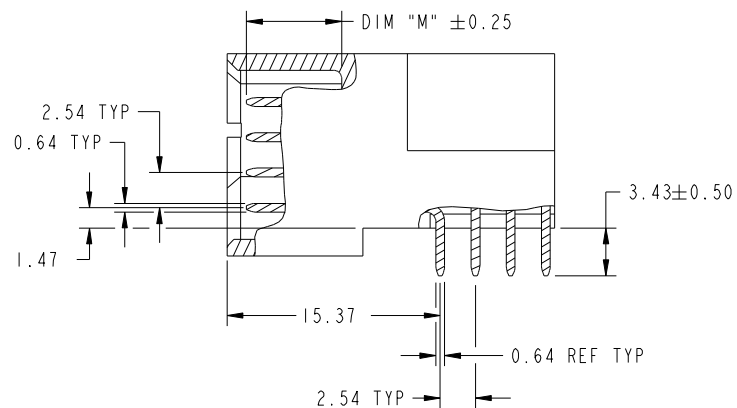
cage code 22526

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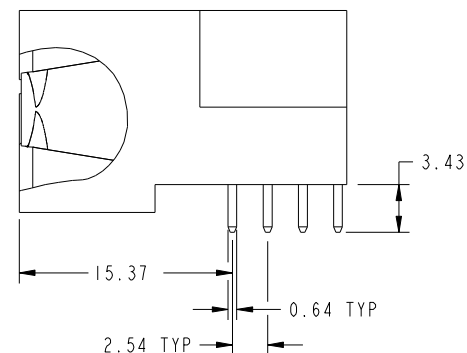


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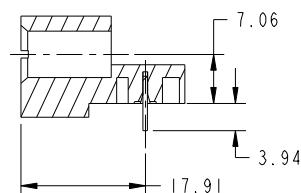
PRODUCT NUMBER
51939-455-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

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							0.XX ±0.25	projection		title 3ACP + 24S + 10P	
						angles	0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
							0° ±2°			product family PwrBlade	
						dr	Warren Du 07/13/09			size	code 213
						enr	Warren Du 07/13/09			dwg no	sheet
						chr	PM ZHENG 07/13/09			51939-455	
						appd	JOSEPH HSIA 07/13/09	scale	1:1	2 of 4	
sheet index	revision sheet										

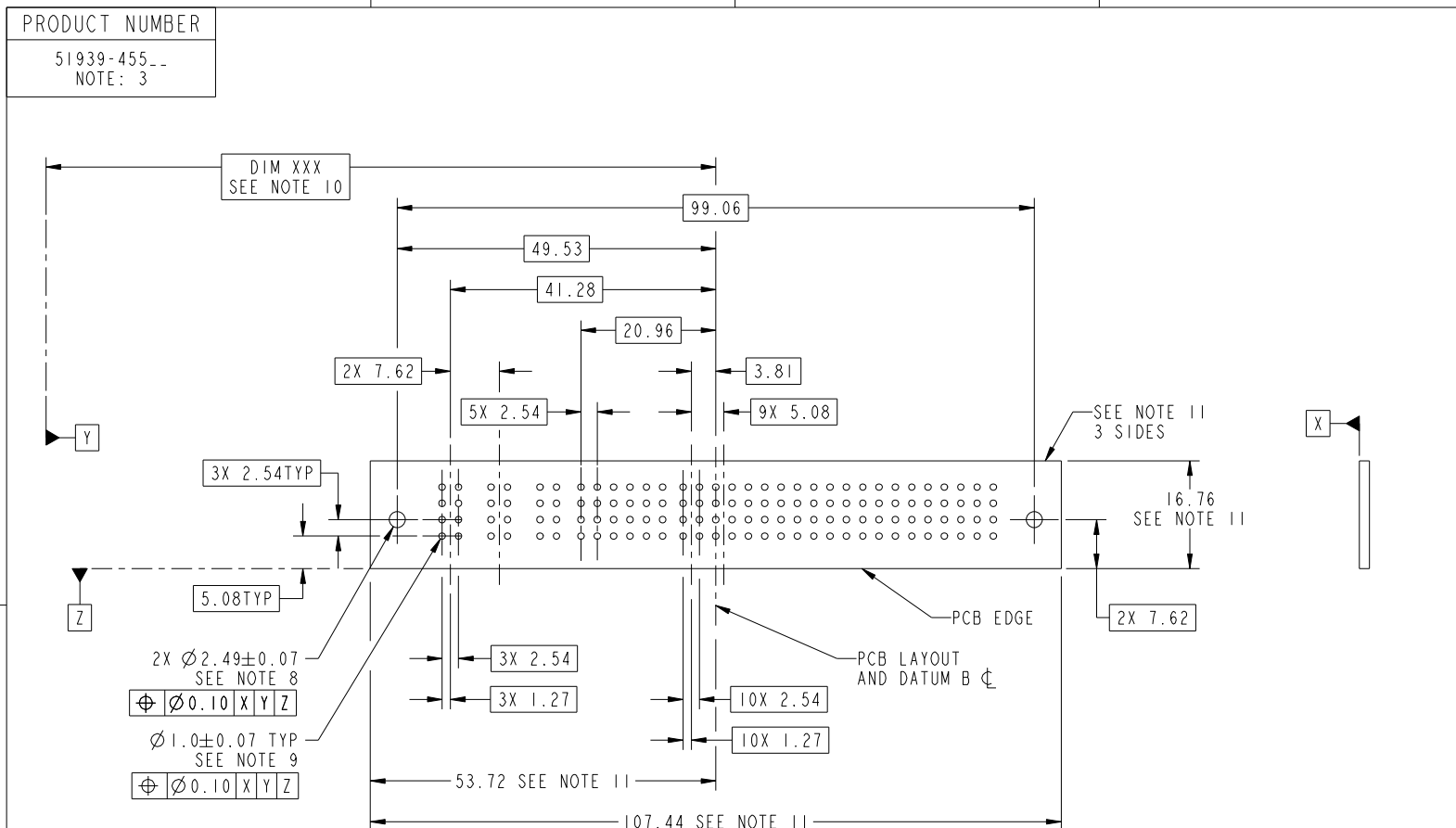
cage code 22526

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RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A						angles	0.XX ±0.25	projection		title 3ACP + 24S + 10P	
							0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
						dr	0° ±2°			product family PwrBlade	
						enr	Warren Du 07/13/09			code 213	
						chr	Warren Du 07/13/09			size dwg no	
						appd	PM ZHENG 07/13/09			A 51939-455	
							JOSEPH HSIA 07/13/09			sheet 3 of 4	
sheet index	revision sheet							scale 1:1			

cage code 22526

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PRODUCT NUMBER
51939-455_- 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-455 AND 51939-455LF 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. $\varnothing 1.151 \pm 0.025$ 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	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title 3ACP + 24S + 10P RIGHT ANGLE SOLDER HEADER	
						$0.XX \pm 0.25$					
				angles		$0.XXX \pm 0.1$					
						$0^\circ \pm 2^\circ$					
				dr	Warren Du	07/13/09		scale		product family	PwrBlade
				enrg	Warren Du	07/13/09				size	213
				chr	PM ZHENG	07/13/09				dwg no	51939-455
				appd	JOSEPH HSIA	07/13/09				sheet	4 of 4
sheet index	revision sheet										

cage code 22526