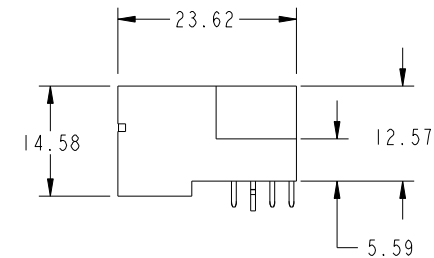
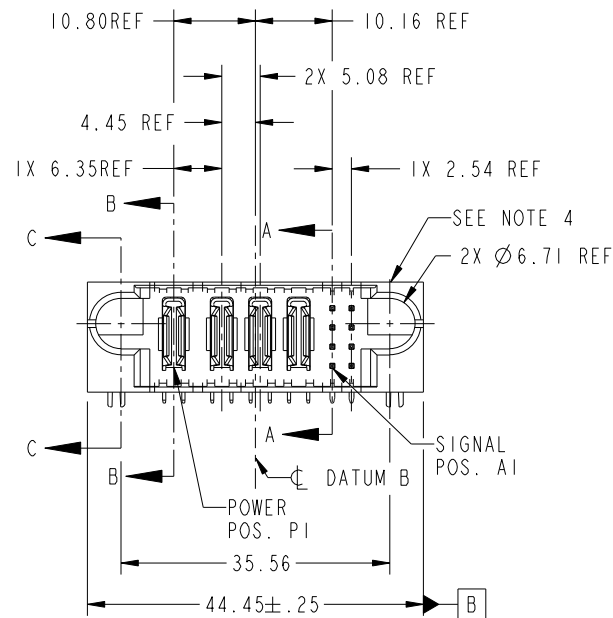




PRODUCT NO.	ROWS	POWER SIGNAL									
		E1	P1	P2	P3	P4	1	2	E2		
51939-258-- NOTE 3	D C B A		PA	PA	PA	PA	H	G	F	E	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.3	COPY		www.fciconnect.com	
A	DG06-0430	JULIA	10/20/06			angles	0.XX ± 0.13	projection		title	
							0.XXX ± 0.051			4P + 8S	
							0° ± 2°			RIGHT ANGLE SOLDER HEADER	
						dr	JULIA WANG 10/20/06			product family	
						enrg	RYAN YUAN 10/20/06			PwrBlade	
						chr	BEER FU 10/20/06			size	dwg no
						appd	JOSEPH HSIA 10/20/06			A	51939-258
sheet index	revision sheet	A	A	A	A			scale	1:1		code
		1	2	3	4						213
											sheet 1 of 4

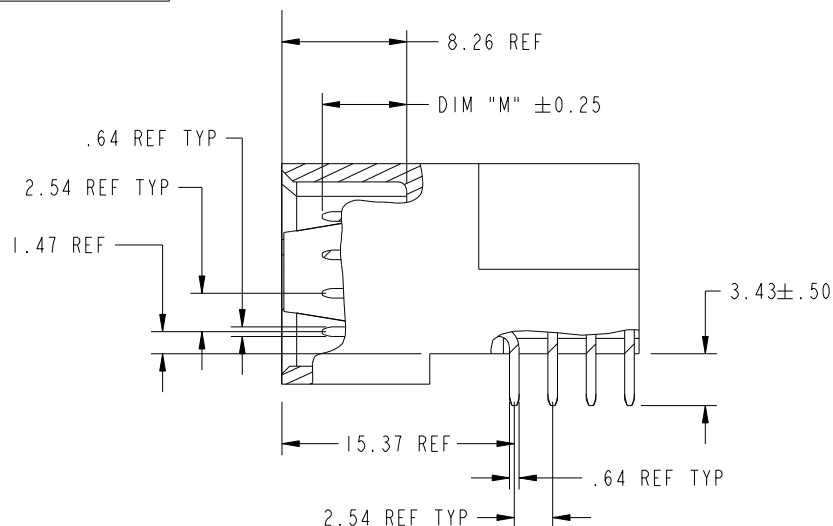
B

B

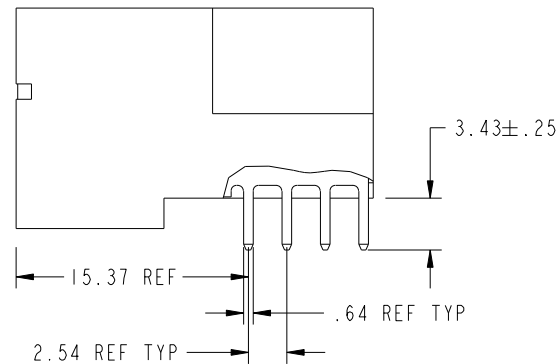


PRODUCT NUMBER

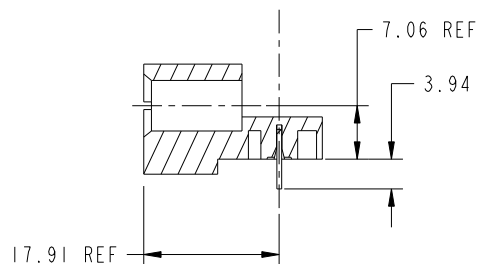
51939-258--
NOTE: 3



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 www.fciconnect.com								
lfr		ecn no.		dr		date		linear	0.X ±0.3				COPY				projection title 4P + 8S RIGHT ANGLE SOLDER HEADER							
A									0.XX ±0.13															
									angles	0.XXX ±0.051														
								0° ±2°																
								dr	JULIA WANG		10/20/06		MM scale 1:1				product family				PwrBlade		code	
								enrg	RYAN YUAN		10/20/06						size		dwg no		213			
								chr	BEER FU		10/20/06								sheet					
								appd	JOSEPH HSIA		10/20/06								2 of 4					
sheet index		revision sheet																						

cage code 22506

Pro/E

PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010



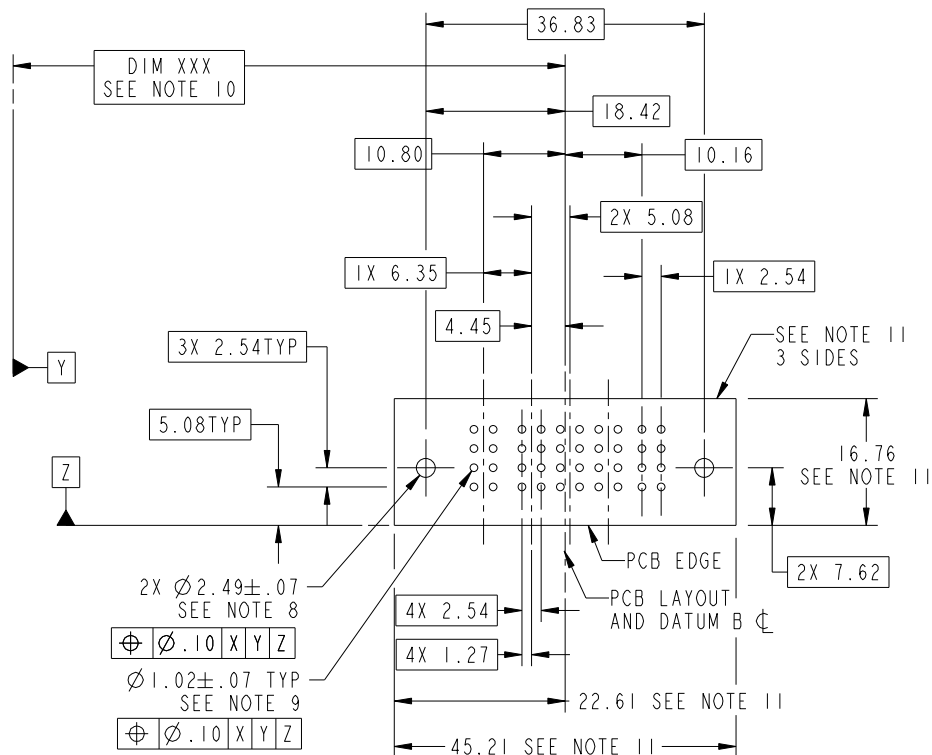
1 | 2

3 |

4

PRODUCT NUMBER

51939-258--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear		0.X ±0.3		COPY		www.fciconnect.com	
A						0.XX ±0.13		projection		title	
						0.XXX ±0.051		MM		4P + 8S	
				angles		0° ±2°		scale		RIGHT ANGLE SOLDER HEADER	
				dr	JULIA WANG	10/20/06		product family		PwrBlade	
				enrg	RYAN YUAN	10/20/06		size		213	
				chr	BEER FU	10/20/06		dwg no		sheet	
				appd	JOSEPH HSIA	10/20/06		A		3 of 4	
sheet index	revision sheet										

B

B

1 | 2

Pro/E

PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010



1 | 2

3

4

PRODUCT NUMBER

51939-258--
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. 51939-258;51939-258LF;51939-258GLF PLATING SPEC. SEE PRINT:10064183

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	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.3$		projection		title	
						$0.XX \pm 0.13$				4P + 8S	
						$0.XXX \pm 0.051$				RIGHT ANGLE SOLDER HEADER	
				angles		$0^\circ \pm 2^\circ$					
				dr	JULIA WANG	10/20/06		MM		product family PwrBlade	
				enrg	RYAN YUAN	10/20/06				size dwg no	
				chr	BEER FU	10/20/06		scale		A 51939-258	
				appd	JOSEPH HSIA	10/20/06		1:1		code 213	
sheet index		revision sheet								sheet 4 of 4	

A

A

B

B

1 | 2

Pro/E

PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010