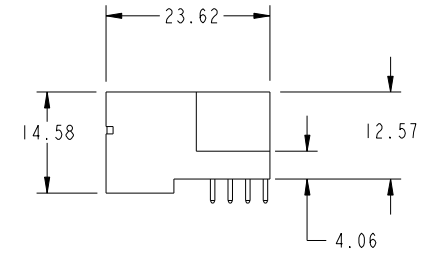
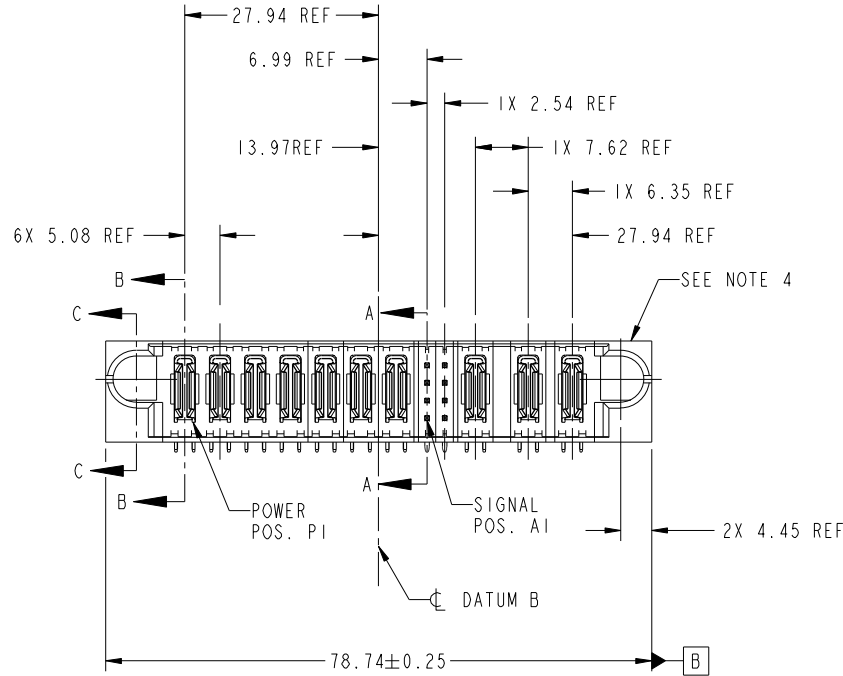


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	POWER						SIGNAL	POWER					
		E1	P1	P2	P3	P4	P5	P6	P7	1 2	P8	P9	P10	E2
51939-316... NOTE 3	D C B A													



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	COPY		projection	
A	DG07-0387	SH	09/24/07	angles	0.XX ± 0.13	MIM		title	
					0.XXX ± 0.051	1:1		7P + 8S + IACP + 2P RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°	scale		product family	
				enr	Sincere He 08/27/07	A		PwrBlade	
				chr	Sincere He 08/27/07	A		code	
				appd	Gary Hsieh 08/27/07	A		213	
					Joseph Hsia 08/27/07	A		1 of 4	
sheet index	revision sheet	A 1	A 2	A 3	A 4	A		A	

CONFIDENTIAL

FCI www.fciconnect.com

product family PwrBlade code 213
size dwg no 51939-316 sheet 1 of 4

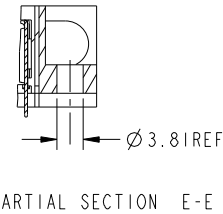
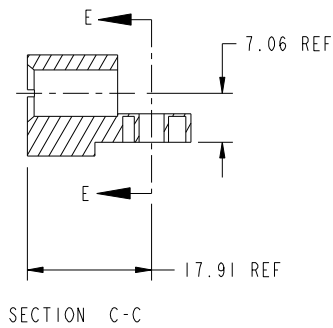
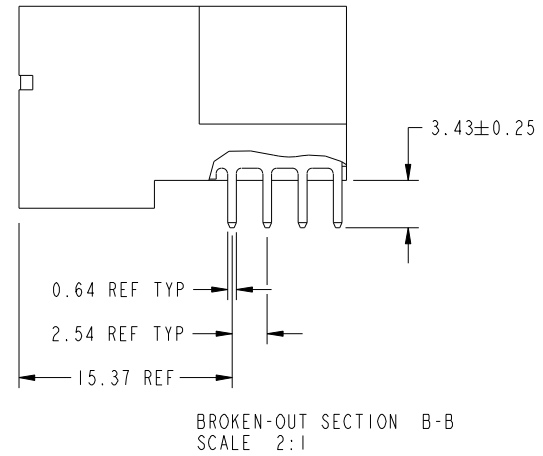
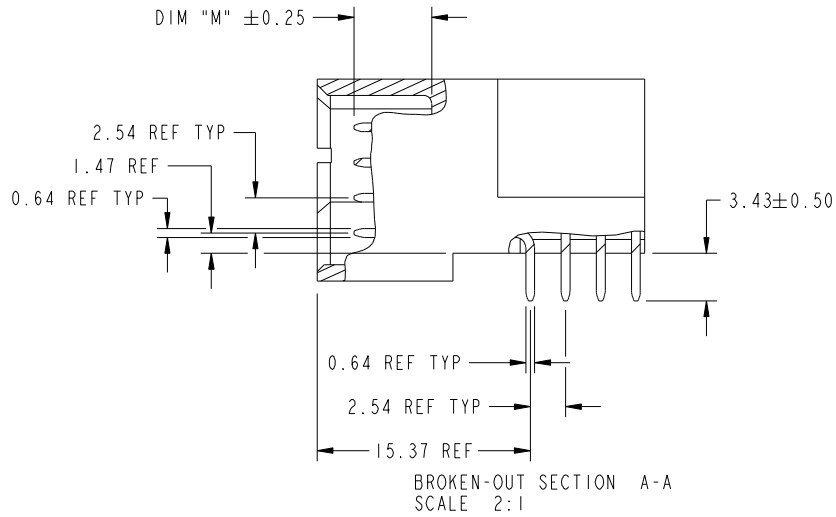
cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



PRODUCT NUMBER
51939-316--
NOTE: 3



CONFIDENTIAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	1st angle	COPY		www.fciconnect.com	
A				angles	0.XX ±0.13	MIM		title		7P + 8S + IACP + 2P RIGHT ANGLE SOLDER HEADER	
				dr	0.XXX ±0.051	1:1		product family		PwrBlade code	
				enr	0° ±2°	scale		size		213	
				chr	Sincere He 08/27/07	A		dwg no		51939-316 sheet	
				appd	Sincere He 08/27/07	1:1		2 of 4			
					Gary Hsieh 08/27/07						
					Joseph Hsia 08/27/07						
sheet index		revision sheet									

cage code 22526

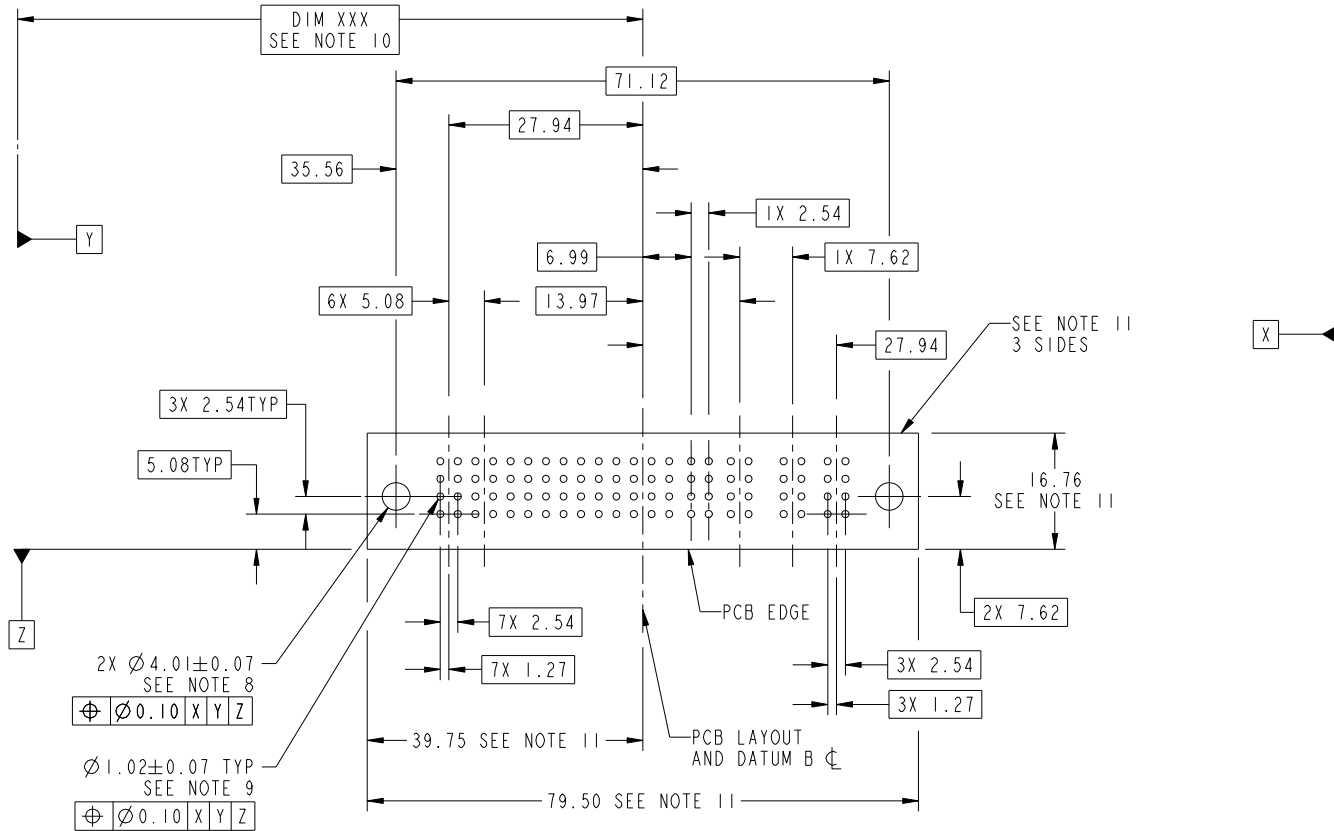
Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-316--
NOTE: 3



RECOMMENDED PCB LAYOUT

CONFIDENTIAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	COPY		projection		www.fciconnect.com	
A					0.XX ± 0.13	MIM		title		7P + 8S + IACP + 2P	
				angles	0.XXX ± 0.051	← MIM →		product family		PwrBlade	
				dr	Sincere He 08/27/07	scale		size		code	
				enr	Sincere He 08/27/07	1:1		dwg no		213	
				chr	Gary Hsieh 08/27/07			51939-316		sheet	
				appd	Joseph Hsia 08/27/07			A		3 of 4	
sheet index	revision sheet										

cage code 22526

Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-316--
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. 51939-316; 51939-316LF 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.

CONFIDENTIAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		projection	title					
A					0.XX ± 0.13		MIM			7P + 8S + IACP + 2P RIGHT ANGLE SOLDER HEADER					
					0.XXX ± 0.051		← MIM →			product family		PwrBlade		code	
				angles	0° ± 2°		scale		size		dwg no		sheet		
				dr	Sincere He	08/27/07	1:1		A		51939-316		213		
				enr	Sincere He	08/27/07							4 of 4		
				chr	Gary Hsieh	08/27/07									
				appd	Joseph Hsia	08/27/07									
sheet index		revision sheet													

cage code 22526

Pro/E