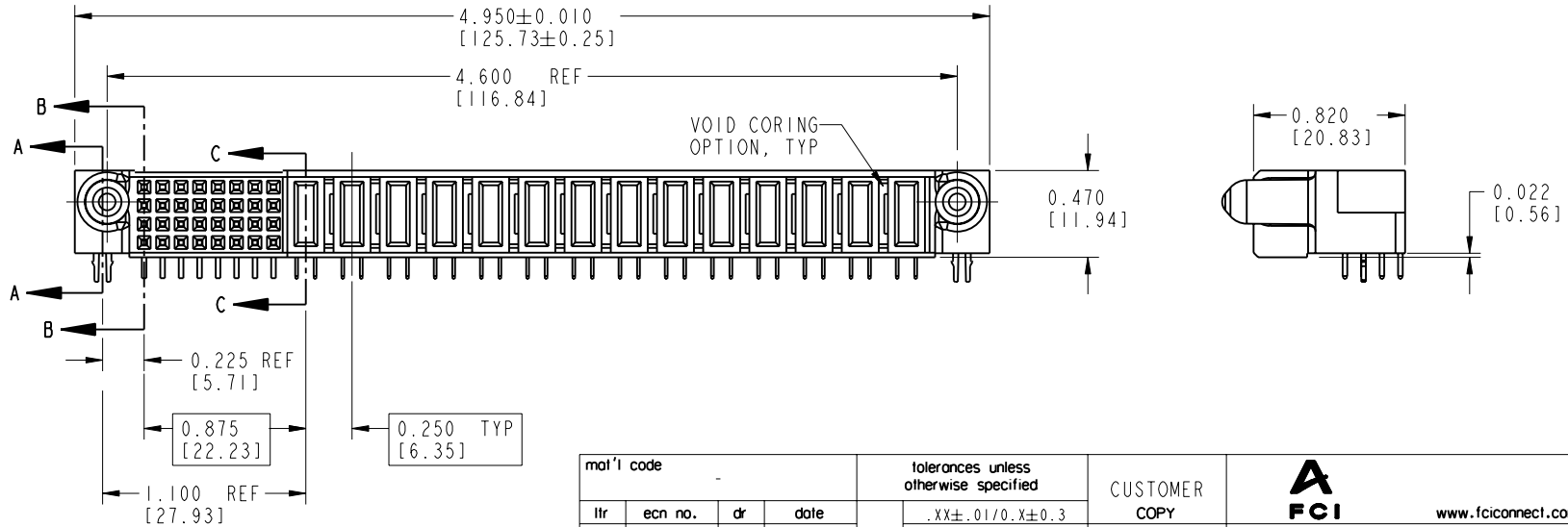
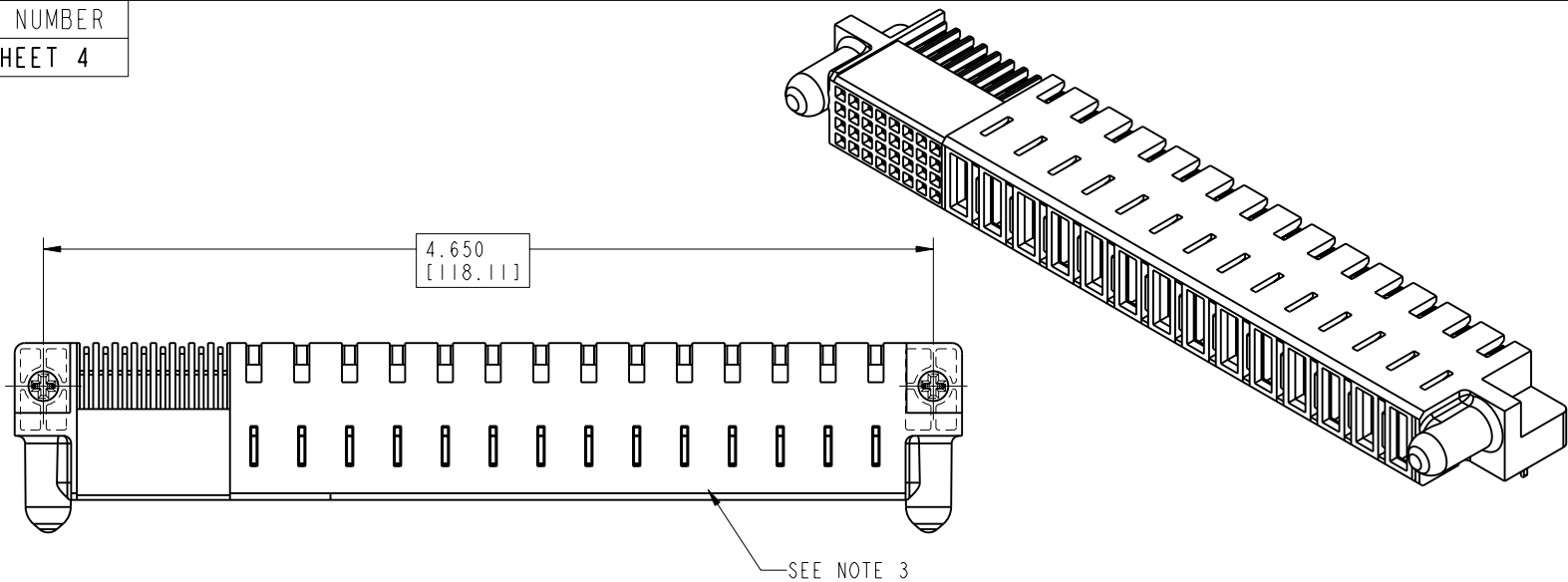


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ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	
G	DG05-0363	GuoJM	09/28/05	angles	.XXX±.005/0.XX±0.13			14P + 32S RIGHT ANGLE RECEPTACLE	
				dr	.XXX±.0020/.XXX±.051	INCH / MM		product family	
				engr	0°±2°	scale		PwrBlade	
				chr		1:1		code	
				appd				213	
sheet index				revision sheet				size	
				G G G G				dwg no	
				1 2 3 4				A	
								51402	
								SHEET 1 OF 4	
								cage code	
								22526	

form no. 7530-001-103

cage code 22526

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

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CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT: COPPER ALLOY

2. PLATING:
51402-XXYYY Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51402-XXYYLFF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51402-XXYYLFF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

3. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

PCB NOTES:

- 4. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 5. ALL THRU HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004".
- 6. ALL DIAMETERS ARE FINISHED HOLE SIZES
- 7. Ø0.098 THRU HOLES ARE UNPLATED.

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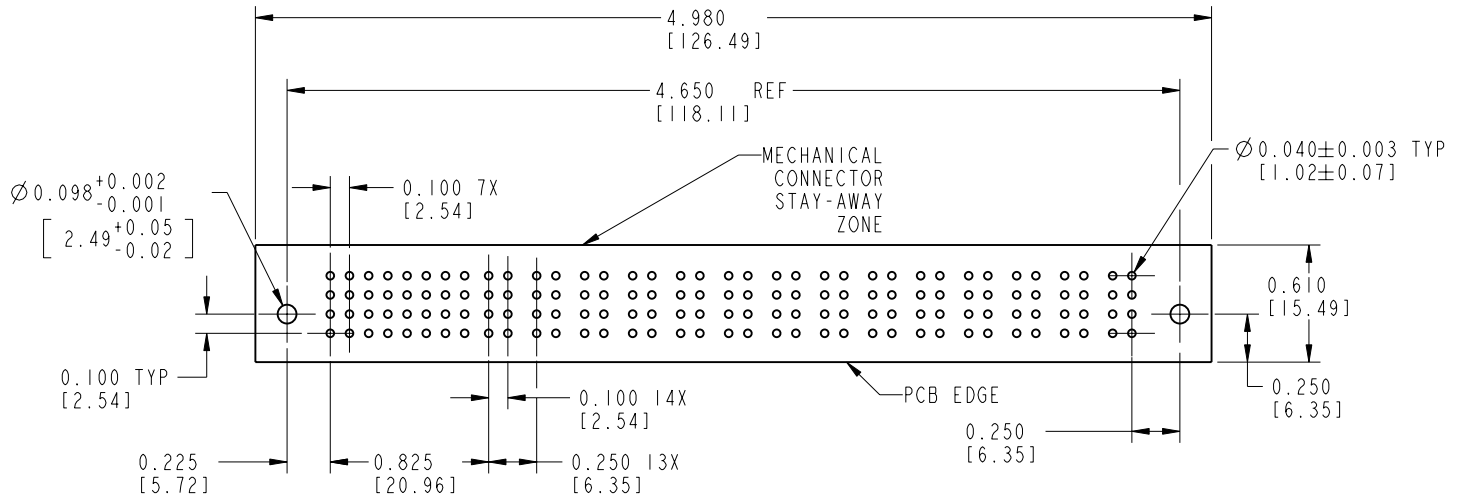
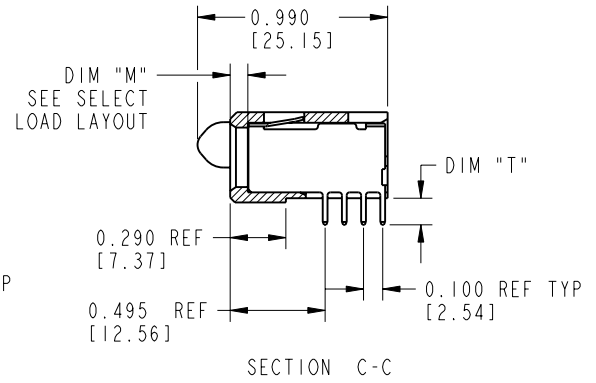
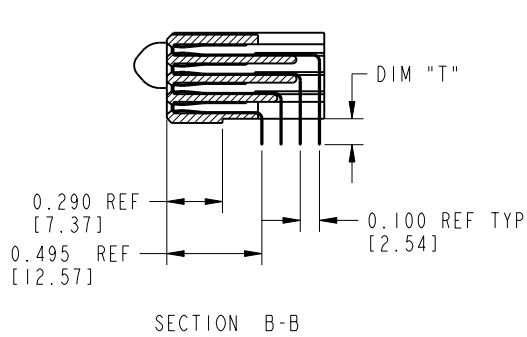
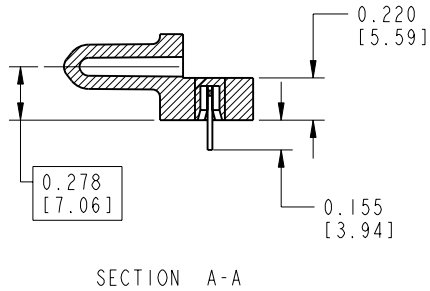
mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
G				projection	.XXX±.005/0.XX±0.13			title	14P + 32S
				angles	.XXX±.0020/.XXX±.051			RIGHT ANGLE RECEPTACLE	
				dr	0°±2°	INCH / MM		product family	PwrBlade
				engr	S. ROYER 10-01-99	scale		code	213
				chr	J. BROWN 10-01-99	1:1		size	dwg no
				appd	J. BROWN 10-01-99			A	51402
sheet index	revision sheet							SHEET	2 OF 4

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RECOMMENDED PCB LAYOUT

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G				angles	.XXX±.005/0.XX±0.13					14P + 32S	
				dr	.XXX±.0020/.XXX±.051	INCH / MM		product family		PwrBlade	
				engr	0°±2°	scale		size		code	
				chr	S. ROYER 10-01-99	1:1		dwg no		213	
				appd	J. BROWN 10-01-99			A		3 OF 4	
sheet index		revision sheet									

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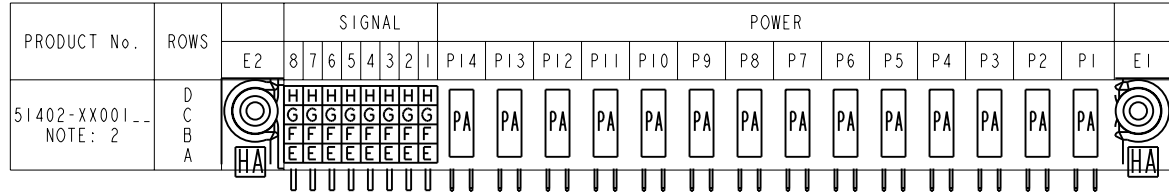
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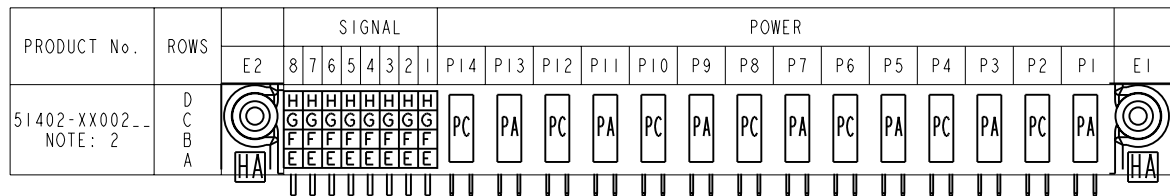


PRODUCT NUMBER
SEE TABLE

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±010		CONTACT TYPE
E	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
F	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
G	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
H	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
PA	14	0.042	[1.07]	0.135	[3.43]	POWER
HA	2	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN



ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE
E	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
F	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
G	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
H	8	N/A	[N/A]	0.135	[3.43]	SIGNAL
PA	7	0.042	[1.07]	0.135	[3.43]	POWER
PC	7	0.092	[2.34]	0.135	[3.43]	POWER
HA	2	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN



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ltr	ecr no.	dr	date	linear				COPY				title 14P + 32S RIGHT ANGLE RECEPTACLE							
G								.XX±.01/0.X±0.3								projection			
				angles				.XXX±.005/0.XX±0.13											
								.XXX±.0020/.XXX±.051											
				dr				0°±2°				INCH / MM							
								S. ROYER 10-01-99											
				engr				J. BROWN 10-01-99				product family PwrBlade code 213							
								J. BROWN 10-01-99											
				chr				J. BROWN 10-01-99				size A 51402 SHEET 4 OF 4							
								J. BROWN 10-01-99											
				appd				scale 1:1				cage code 22526							
sheet index		revision sheet																	

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