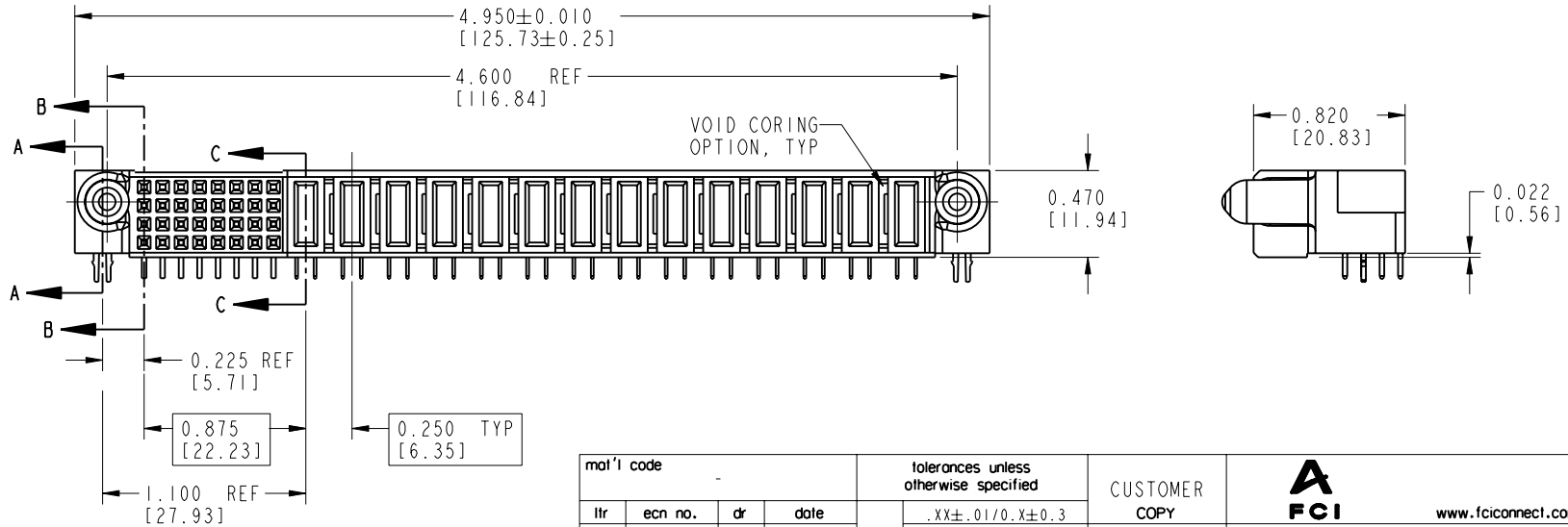
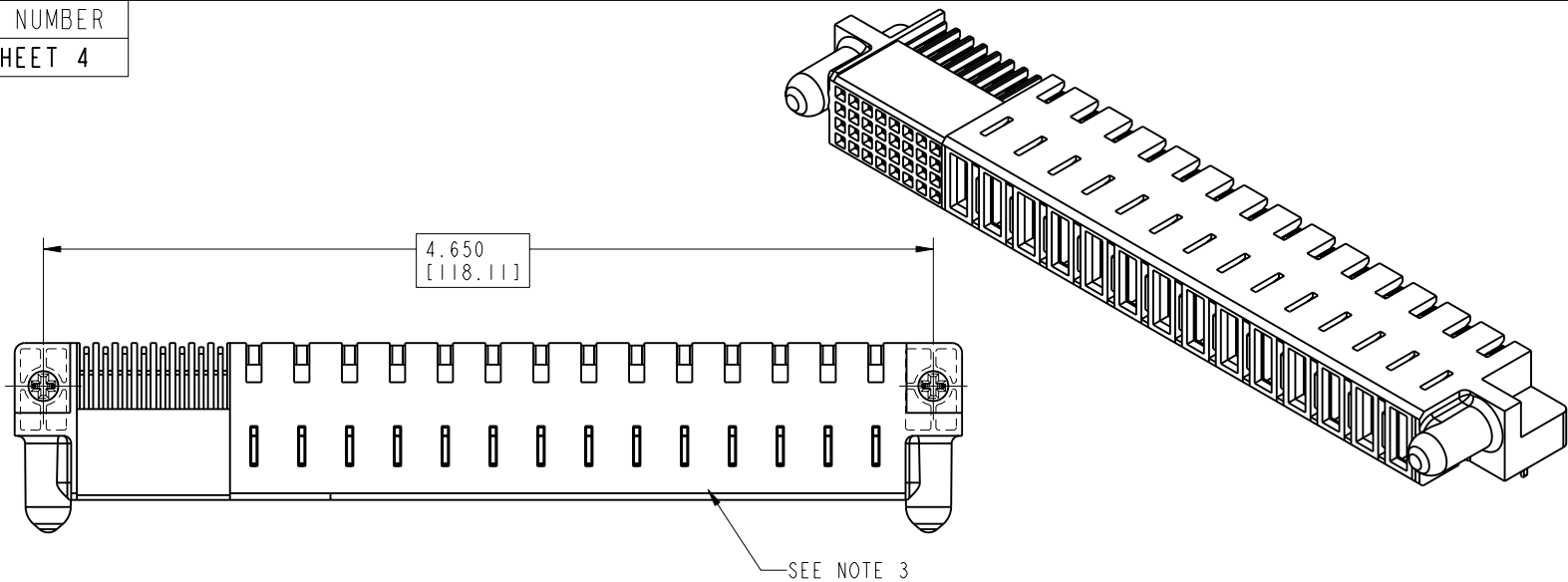


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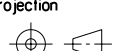
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lfr	ecn no.	dr	date			projection		title	
G	DG05-0363	GuoJM	09/28/05	linear	.XX±.01/0.X±0.3			14P + 32S RIGHT ANGLE RECEPTACLE	
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				dr	S. ROYER	10-01-99		product family	PwrBlade
				enqr	J. BROWN	10-01-99		size	213
				chr	J. BROWN	10-01-99		dwg no	51402
				appd	J. BROWN	10-01-99			SHEET 1 OF 4
sheet index	revision sheet	G	G	G	G				
		1	2	3	4				

form no. 7530-001-103

cage code 22526

PDM: Rev:G

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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 10THER 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:

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

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G				linear		.XX±.01/0.X±0.3		projection		14P + 32S	
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				angles		.XXX±.0020/.XXX±.051					
						0°±2°					
				dr	S. ROYER	10-01-99		INCH / MM		product family	PwrBlade
				engr	J. BROWN	10-01-99				size	213
				chr	J. BROWN	10-01-99		scale	1:1	dwg no	51402
				appd	J. BROWN	10-01-99				A	2 OF 4
sheet index	revision sheet										

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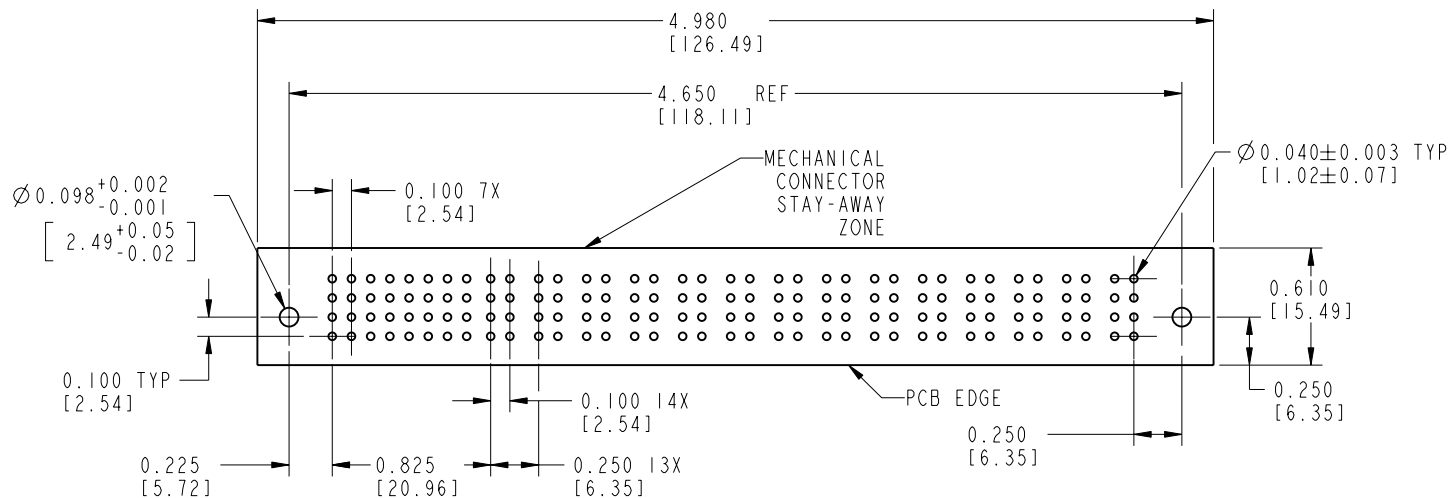
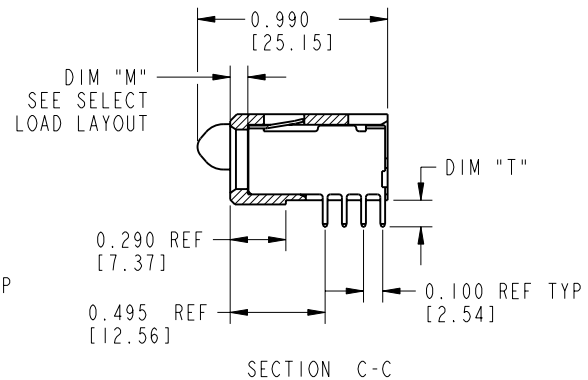
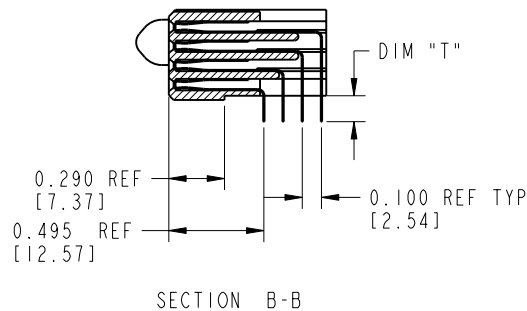
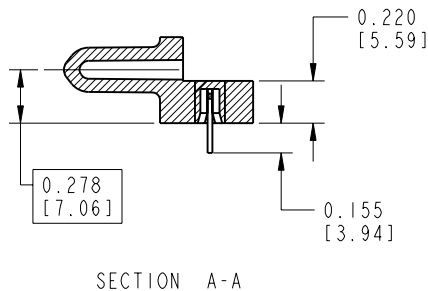
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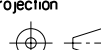
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G				linear		.XX±.01/0.X±0.3		projection		title	14P + 32S
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				dr	S. ROYER	10-01-99		scale	1:1	size	51402
				engr	J. BROWN	10-01-99				dwg no	213
				chr	J. BROWN	10-01-99				SHEET 3 OF 4	
				appd	J. BROWN	10-01-99					
sheet index	revision sheet										

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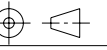
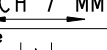
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PRODUCT NUMBER		ITEM NO.		QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE
SEE TABLE		E	8		N/A	[N/A]	0.135	[3.43]	SIGNAL
		F	8		N/A	[N/A]	0.135	[3.43]	SIGNAL
		G	8		N/A	[N/A]	0.135	[3.43]	SIGNAL
		H	8		N/A	[N/A]	0.135	[3.43]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

PRODUCT No.	ROWS	SIGNAL								POWER												E1			
		E2	8	7	6	5	4	3	2	1	PI4	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4		P3	P2	P1
51402-XX001-- NOTE: 2	D C B A		H	H	H	H	H	H	H	H	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE
		E	8	N/A	[N/A]	
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

PRODUCT No.	ROWS	SIGNAL								POWER												E1			
		E2	8	7	6	5	4	3	2	1	PI4	PI3	PI2	PI1	PI0	P9	P8	P7	P6	P5	P4		P3	P2	P1
51402-XX002-- NOTE: 2	D C B A		H	H	H	H	H	H	H	H	PC	PA	PC	PA	PC	PA	PC	PA	PC	PA	PC	PA	PC	PA	

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

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sheet index	revision sheet

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