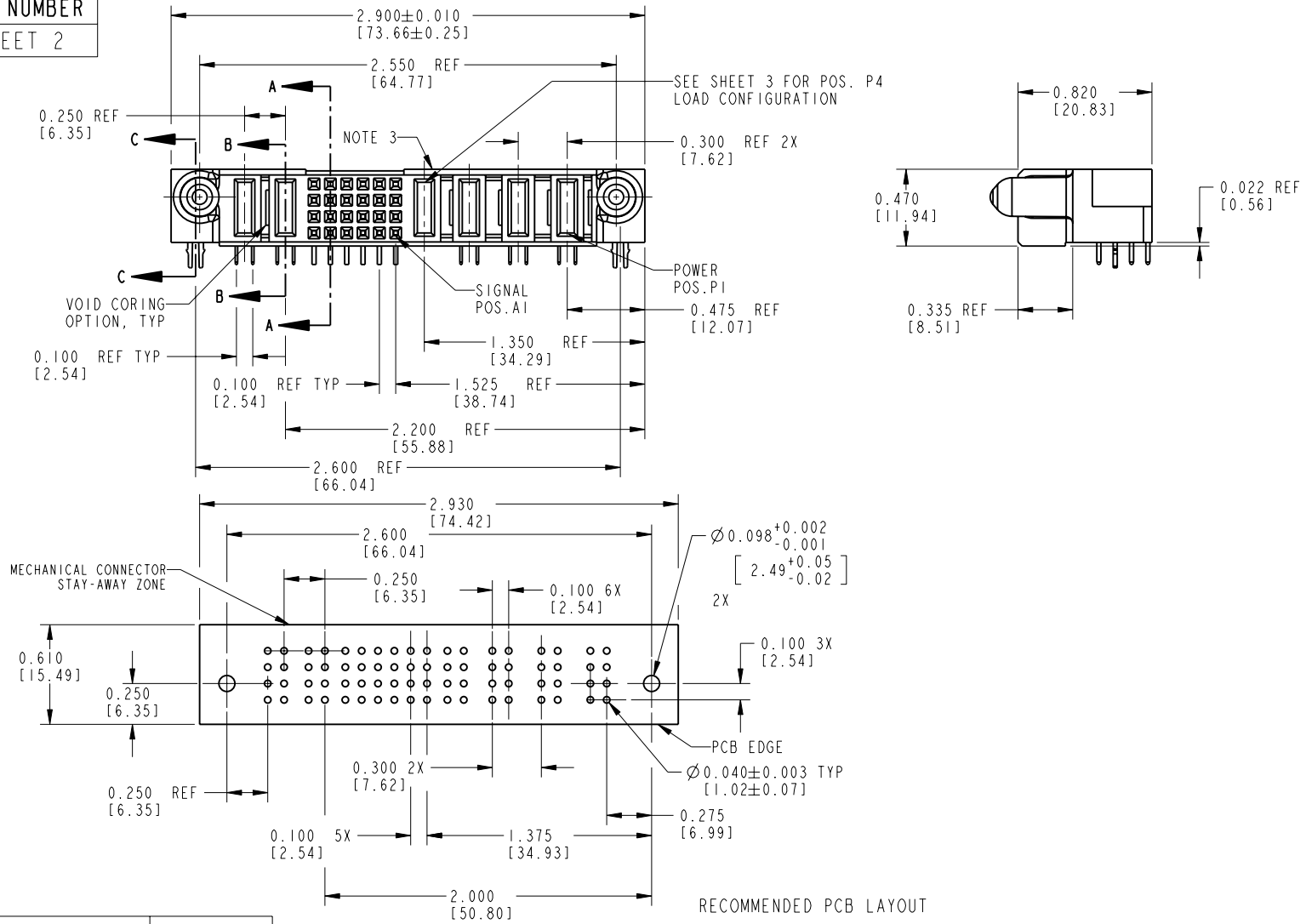


PRODUCT NUMBER
SEE SHEET 2



CODE	DIM "M" ±0.010 [0.25]		CONTACT TYPE
E	N/A	[N/A]	SIGNAL
F	N/A	[N/A]	SIGNAL
G	N/A	[N/A]	SIGNAL
H	N/A	[N/A]	SIGNAL
PC	0.092	[2.34]	POWER
PA	0.042	[1.07]	POWER
HA	N/A	[N/A]	HOLD-DOWN
X	OMITTED		OMITTED

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date					COPY		projection		title	
A	V02393	JRW	10-27-00	linear		.XX±.01/0.X±0.3						3ACP + 1P + 24S + 2P	
B	V02944	JWS	12-21-00			.XXX±.005/0.XX±0.13						R/A SOLDER RECEPTACLE	
C	V11096	JRW	03/20/01	angles		.XXX±.0005/0.XXX±.051						product family	PwrBlade
D	V12138	JRW	08/03/01	dr	E. KORFF	06-15-00		INCH/MM				size	dwg no
E	DG05-0530	GuoJM	12/08/05	engr	J. BROWN	06-15-00		scale	1:1			A	51787
				chr	J. BROWN	06-15-00						code	213
				appd	J. BROWN	06-15-00						sheet	1 of 3
sheet index	revision sheet	E	E	E									
		1	2	3									

Pro/E

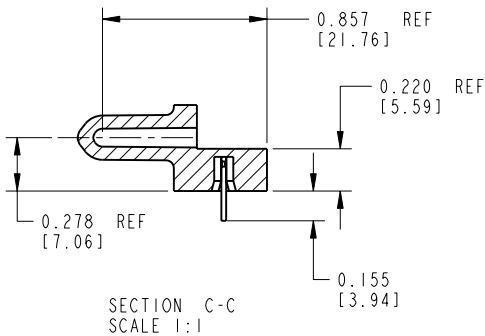
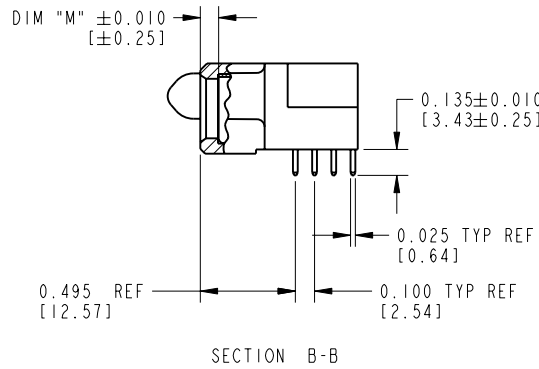
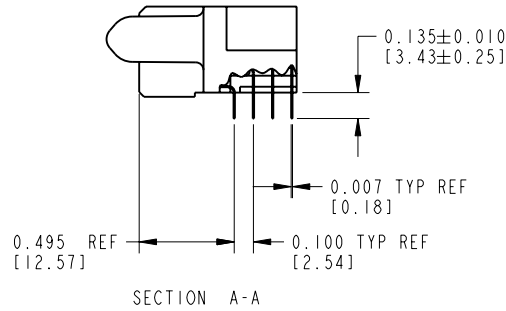
cage code 22526

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A
FCI

PRODUCT NUMBER
SEE SHEET 2



SECTION C-C
SCALE 1:1

PRODUCT No.	ROWS		POWER			SIGNAL					POWER					
		E2	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1	
51787-001-- NOTE: 3	D C B A					H	H	H	H	H	H	X				
					G	G	G	G	G	G						
					F	F	F	F	F	F						
					E	E	E	E	E	E						

PRODUCT No.	ROWS	POWER			SIGNAL					POWER					
		E2	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51787-002-- NOTE: 3	D C B A														

PRODUCT No.	ROWS	POWER			SIGNAL					POWER				
		E2	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
51787-003-- NOTE: 3	D C B A													

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3		COPY	title 3ACP + 1P + 24S + 2P R/A SOLDER RECEPTACLE	
E						linear	.XXX±.005/0.XX±0.13		projection		
						angles	.XXX±.0005/0.XXX±.051			product family PwrBlade code 213	
						dr	E. KORFF 06-15-00		INCH/MM		
						engr	J. BROWN 06-15-00		scale	size 51787 sheet 2	
						chr	J. BROWN 06-15-00		1:1		
						appd	J. BROWN 06-15-00			cage code 22526	
sheet index	revision sheet										

Pro/E

3

cage code 22526

4

PDM: Rev:E

STATUS: Released

Printed: Aug 11, 2007

PRODUCT NUMBER
SEE SHEET 2

CONNECTOR NOTES:

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

3. PLATING:

51787-YYY 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.

51787-YYLFF 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 51787-YYLFF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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

4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
8. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED
9. Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE]

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date					COPY					
E				linear		.XX±.01/0.X±0.3		projection		title	3ACP + 1P + 24S + 2P		
						.XXX±.005/0.XX±0.13				R/A SOLDER RECEPTACLE			
				angles		.XXX±.0005/0.XXX±.051				product family	PwrBlade	code	213
				dr	E. KORFF	06-15-00		INCH/MM		size	dwg no	sheet	3
				engr	J. BROWN	06-15-00		scale		A	51787		
				chr	J. BROWN	06-15-00							
				appd	J. BROWN	06-15-00							
sheet index	revision sheet												