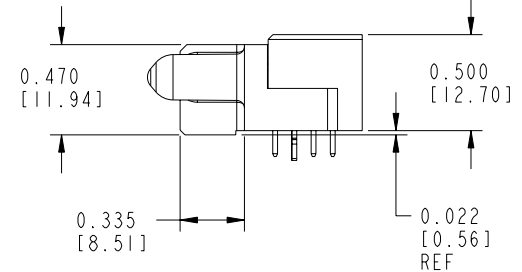
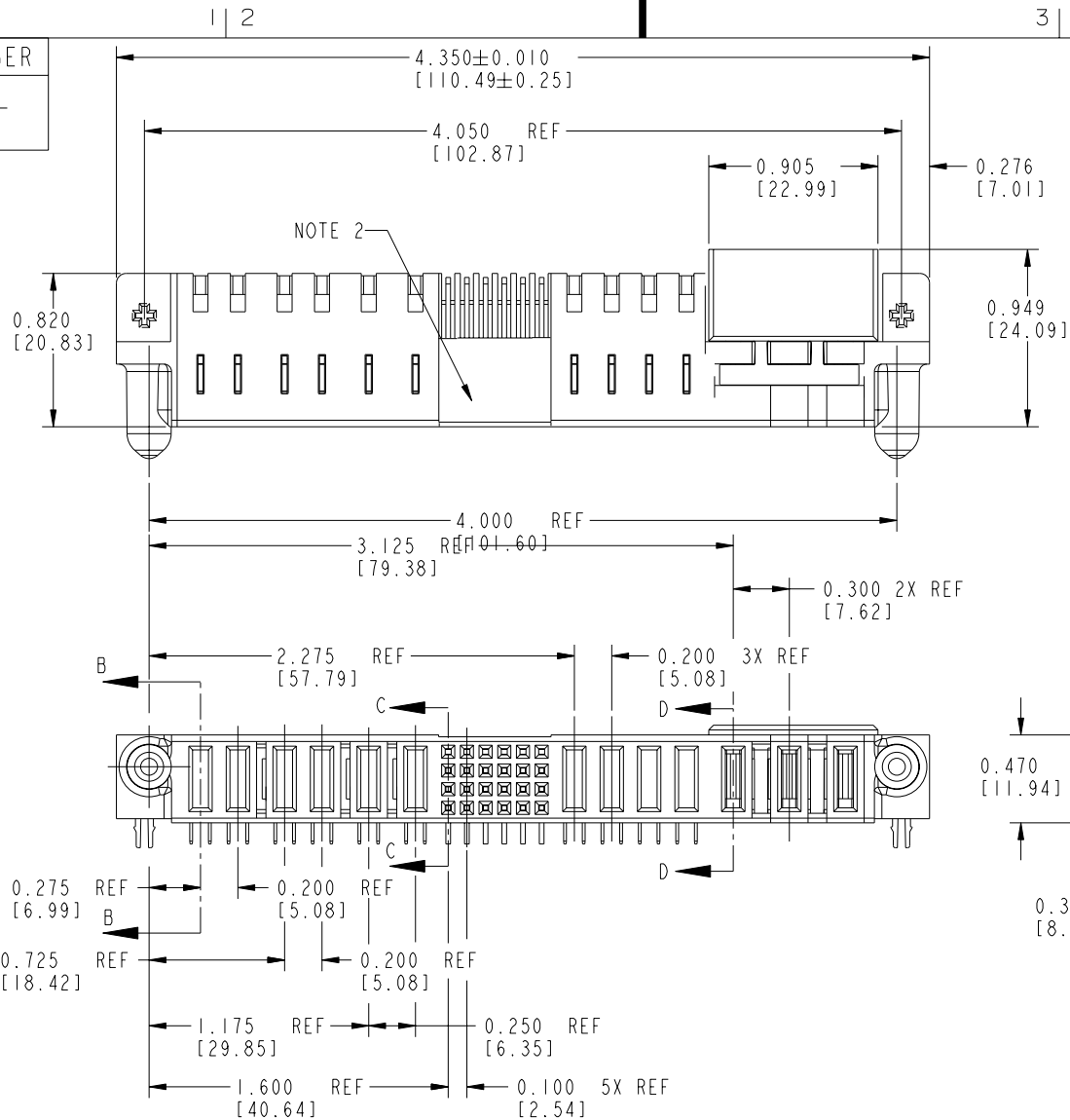


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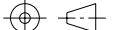
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PRODUCT NUMBER
51793-001--
NOTE: ②



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mat'l code				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com						
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3			projection 	COPY	title						
A	V10162	CGD	01-18-01		.XXX±.005/0.XX±0.13					3ACP + 4P + 24S + 6P						
B	V04-0788	TAB	08/03/04		.XXXX±.0005/0.XXX±.013					R/A SOLDER RECEPT SPECIAL CABLE						
C	DG05-0301	CS	08/29/05	angles	0°±2°			INCH/MM ↔ scale 1:1	product family	PwrBlade		code				
				dr	C. DAILY	07-26-00	size			dwg no	213					
				enrg	J. BROWN	07-18-00										
				chr	J. BROWN	07-26-00					sheet					
				appd	J. BROWN	07-26-00				A	51793	1 of 4				
sheet index	revision sheet	C	C	C	C	C										
		1	2	3	4											

Pro/E

cage code 22526

PDM: Rev:C

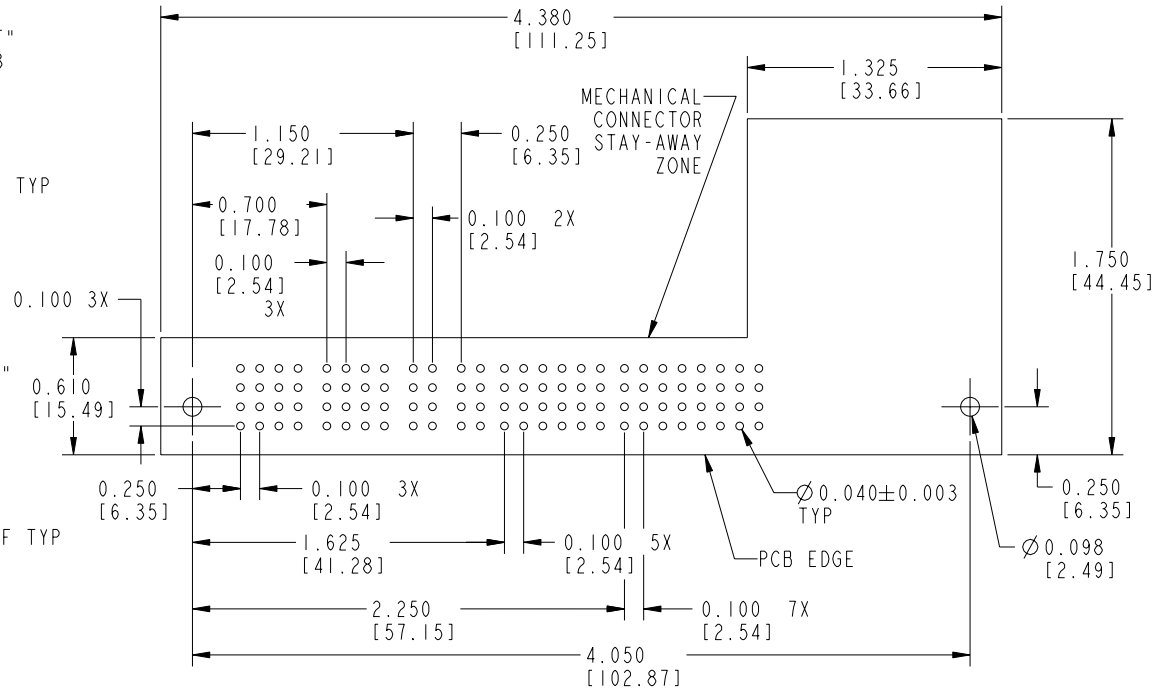
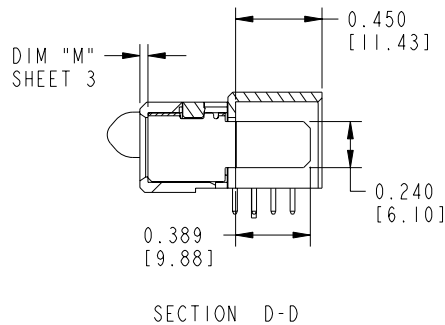
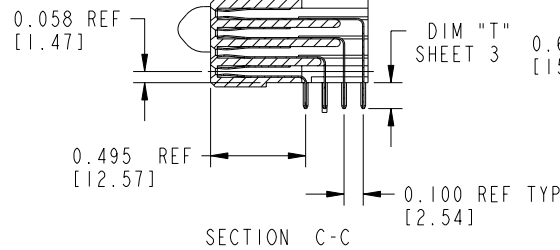
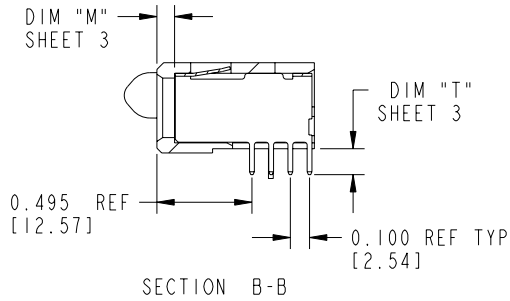
STATUS: Released

Printed: Aug 11, 2007

A

B

PRODUCT NUMBER
51793-001--
NOTE:②



mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	
C				linear	.XXX±.005/0.XX±0.13	projection	
				angles	.XXX±.0005/0.XXX±.013		
					0°±2°		
				dr	C. DAILY 07-26-00	INCH/MM	
				enrg	J. BROWN 07-18-00	scale	
				chr	J. BROWN 07-26-00	1:1	
				appd	J. BROWN 07-26-00		
sheet index	revision sheet						

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title 3ACP + 4P + 24S + 6P
R/A SOLDER RECEPT SPECIAL CABLE

product family PwrBlade code 213

size dwg no 51793 sheet 2 of 4

cage code 22526

Pro/E

3

PDM: Rev:C

STATUS:Released

Printed: Aug 11, 2007

A

B

4

PRODUCT NUMBER		1 2		3		4		
51793-001-- NOTE: ②		ITEM NO.	QTY	DIM "M" MATING LENGTH +/- .010	DIM "T" TAIL LENGTH +/- .010	CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
		E	6	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um]Au	Sn
		F	6	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um]Au	Sn
		G	6	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um]Au	Sn
		H	6	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um]Au	Sn
		PC	10	0.092 [2.34]	0.135 [3.43]	POWER	30 u'' [.76um]Au	Sn
		PG	1	0.042 [1.07]	N/A [N/A]	POWER	30 u'' [.76um]Au	Sn
		PH	2	0.092 [2.34]	N/A [N/A]	POWER	30 u'' [.76um]Au	Sn
		HA	2	N/A [N/A]	N/A [N/A]	HOLD-DOWN	N/A [N/A]	Ni

PRODUCT No.	ROWS	SIGNAL																EI			
		E2	PI3	PI2	PI1	PI0	P9	P8	6	5	4	3	2	1	P7	P6	P5		P4	P3	P2
51793-001-- NOTE: ②	D C B A	HA	PC	PC	PC	PC	PC	PC	H	H	H	H	H	PC	PC	PC	PC	PG	PH	PH	HA
									G	G	G	G	G								
									F	F	F	F	F								

mat'l code				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY		title 3ACP + 4P + 24S + 6P R/A SOLDER RECEPT SPECIAL CABLE	
C					.XXX±.005/0.XX±0.13				projection			
					.XXX±.0005/0.XXX±.013							
				angles	0°±2°						product family PwrBlade size 51793 A	code 213 sheet 3 of 4
				dr	C. DAILY	07-26-00	INCH/MM					
				enrg	J. BROWN	07-18-00	scale 1:1					
				chr	J. BROWN	07-26-00						
				appd	J. BROWN	07-26-00						
sheet index	revision sheet											

sheet index		revision sheet		Pro/E		3		cage code 22526		4	
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A
FCI

PRODUCT NUMBER
51793-001--
NOTE: ②

CONNECTOR NOTES:

- ① HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
② PLATING:

51793-001 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.

51793-001LF 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 51793-001LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

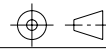
THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.
(AND SnPb ON PCB INTERFACE)

3. "MANUFACTURER" 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.

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Pro/E

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PDM: Rev:C

STATUS: Released

Printed: Aug 11, 2007