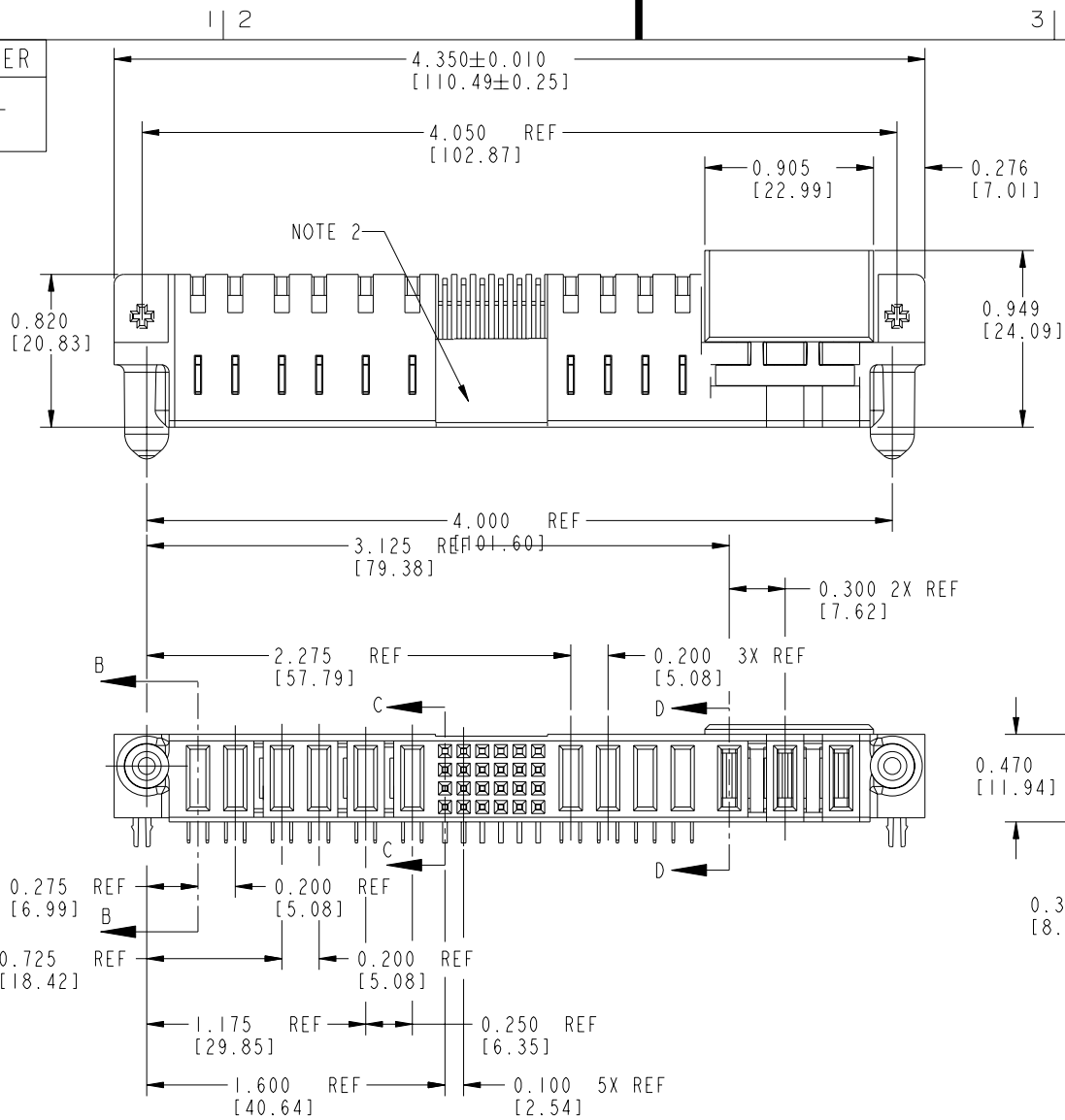


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PRODUCT NUMBER
51793-001--
NOTE: ②



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

Pro/E

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PDM: Rev:C

STATUS: **Released**

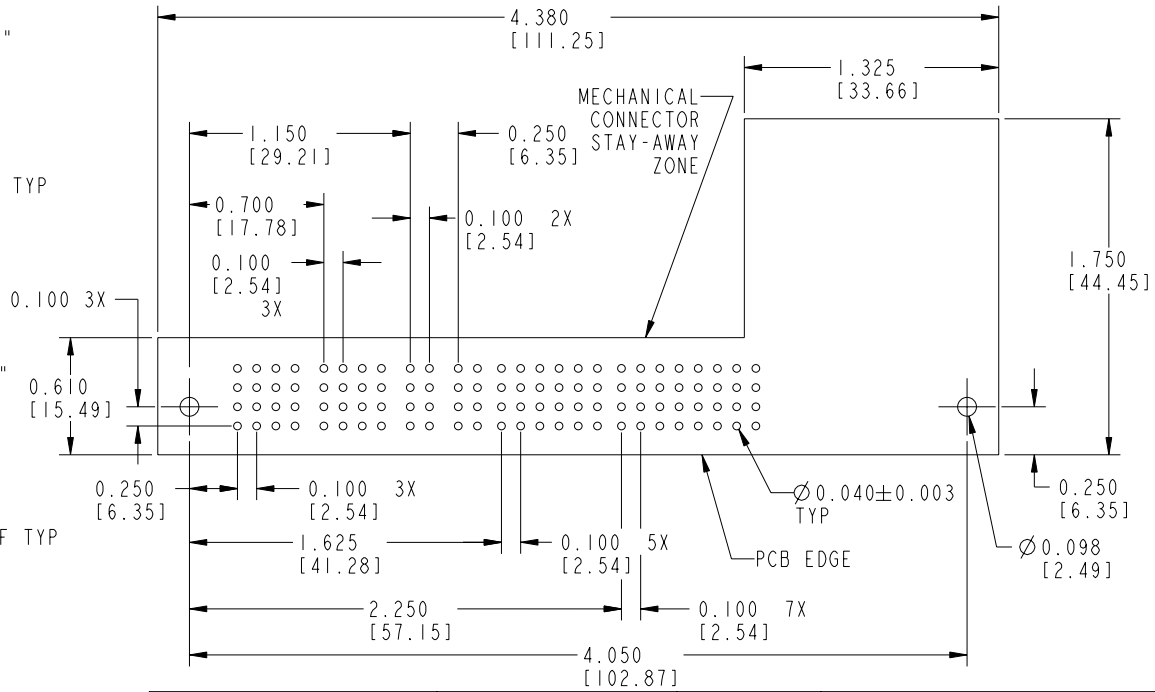
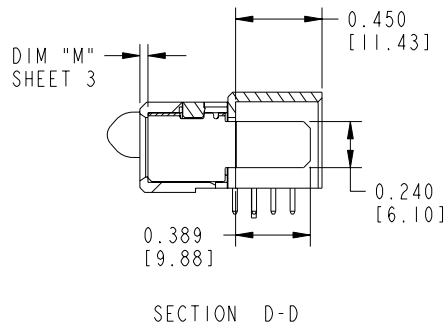
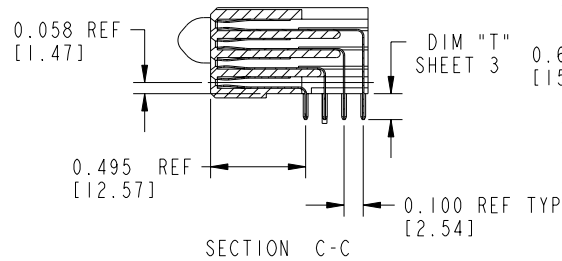
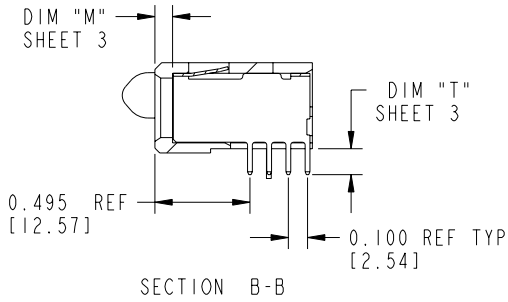
Printed: Dec 20, 2010

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PRODUCT NUMBER
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NOTE: ②



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

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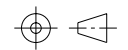

A
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PRODUCT NUMBER
51793-001-- NOTE: ②

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	P13	P12	P11	P10	P9	P8	6	5	4	3	2	1	P7	P6	P5		P4	P3	P2	P1
51793-001-- NOTE: ②	D		PC	PC	PC	PC	PC	PC	H	H	H	H	H	H	PC	PC	PC	PC	PG	PH	PH	
	C								G	G	G	G	G	G								
	B								F	F	F	F	F	F								
A	A	HA							E	E	E	E	E	E								HA

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

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B

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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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 3ACP + 4P + 24S + 6P R/A SOLDER RECEPT SPECIAL CABLE
C					.XXX±.005/0.XX±0.13			
				angles	0°±2°	size A	dwg no 51793	sheet 4 of 4
				dr	C. DAILY 07-26-00			
				engr	J. BROWN 07-18-00	4 of 4		
				chr	J. BROWN 07-26-00			
				appd	J. BROWN 07-26-00			
sheet index	revision sheet							

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

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