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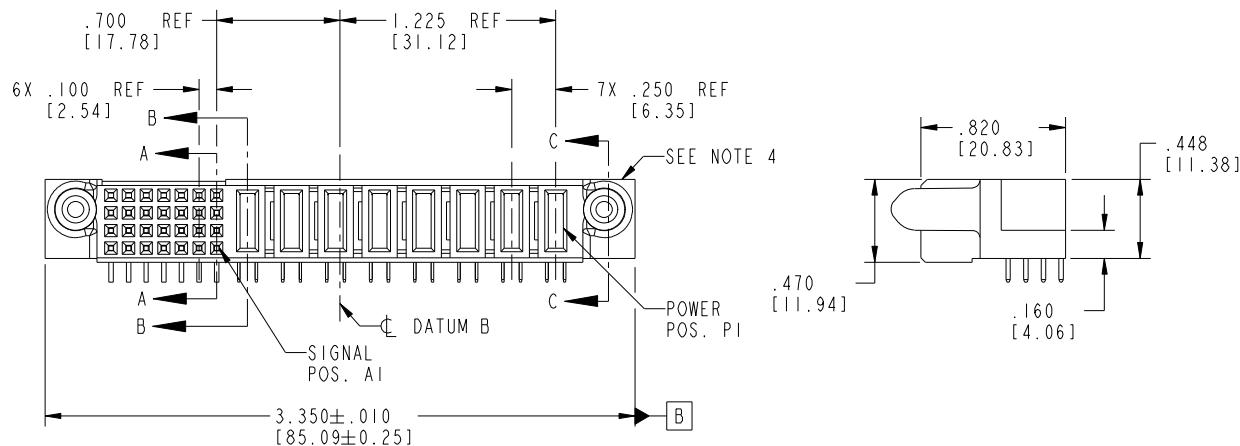
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B

A

CODE	DIM "M" MATING LENGTH	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
PA	.042 [1.07]	POWER
PC	.092 [2.34]	POWER

PRODUCT NO.	ROWS	SIGNAL										POWER							
		E2	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	E1	
51772-003-- NOTE: 3	D C B A		H	H	H	H	H	H	H	PA	PC	PC	PA	PC	PA	PC	PA		
			G	G	G	G	G	G	G										
			F	F	F	F	F	F	F										
			E	E	E	E	E	E	E										



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	projection	dr	T. BRUNGARD	08/05/04	0°±2°	INCH/MM	scale	1:1	product family	PwrBlade	code
A	V04-0801	TAB	08/05/04	linear	.XXX±.005/0.XX±0.13	projection	projection	dr	M. GRAY	08/05/04	0°±2°	INCH/MM	scale	1:1	product family	PwrBlade	code
B	DG05-0300	GuoJM	08/29/05	linear	.XXX±.0020/0.XXX±0.051	projection	projection	dr	M. GRAY	08/05/04	0°±2°	INCH/MM	scale	1:1	product family	PwrBlade	code
C	DG08-0272	SH	09/28/08	linear	.XXX±.0020/0.XXX±0.051	projection	projection	dr	M. GRAY	08/05/04	0°±2°	INCH/MM	scale	1:1	product family	PwrBlade	code
sheet index				revision	sheet	C	C	C	C	C	C	C	C	C	C	C	C
sheet index				revision	sheet	1	2	3	4								

Pro/E

3

cage code 22526

4

B

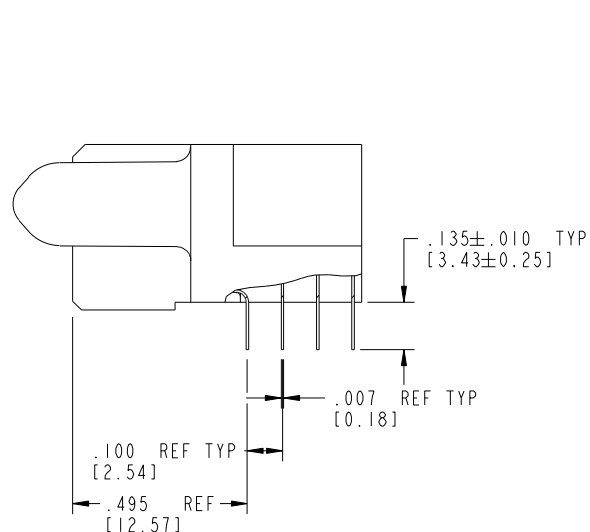
A

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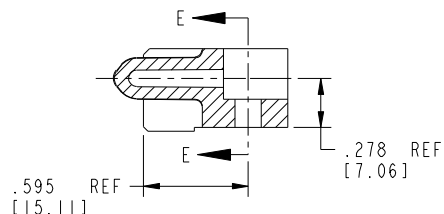


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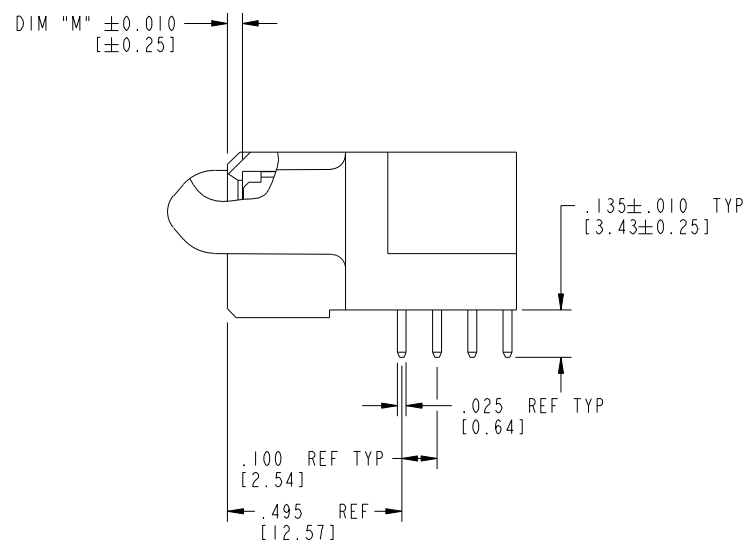
PRODUCT NUMBER
51772-003--
NOTE: 3



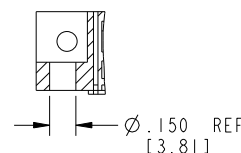
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com							
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3				COPY				title				8P + 28S R/A SOLDER RECEPTACLE					
C										.XXX±.005/0.XX±0.13				projection													
								angles		.XXX±.0020/0.XXX±0.051								product family				PwrBlade				code	
										0°±2°																	
								dr		T. BRUNGARD 08/05/04				INCH/MM				size				dwg no				213	
								enrg		M. GRAY 08/05/04																	
								chr		M. GRAY 08/05/04				scale				A				51772-003				sheet 2 of 4	
								appd		M. GRAY 08/05/04																	
sheet index		revision sheet																									

Pro/E

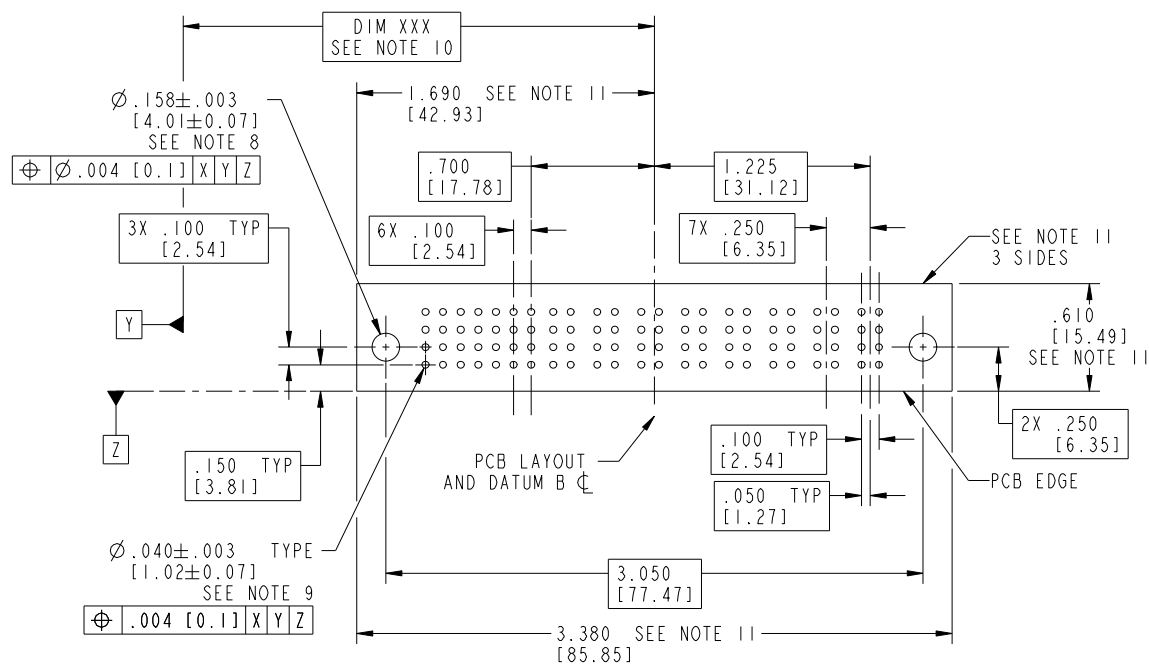
cage code 22526

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PRODUCT NUMBER
51772-003--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
C				linear	.XXX±.005/0.XX±0.13	projection		title 8P + 28S	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
				dr	T. BRUNGARD 08/05/04	INCH/MM		product family PwrBlade	
				enrg	M. GRAY 08/05/04	scale		size dwg no	
				chr	M. GRAY 08/05/04	1:1		51772-003	
				appd	M. GRAY 08/05/04			sheet 213	
sheet index	revision sheet							3 of 4	

Pro/E

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PRODUCT NUMBER
51772-003--
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

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

3. PLATING:
SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51772-003 AND 51772-003LF RESPECTIVELY

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

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12: A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,

OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
C					.XXX±.005/0.XX±0.13	projection			
				angles	.XXX±.0020/0.XXX±0.051				
					0°±2°			title 8P + 28S R/A SOLDER RECEPTACLE	
				dr	T. BRUNGARD 08/05/04	INCH/MM		product family PwrBlade	
				enrg	M. GRAY 08/05/04	scale		size	dwg no
				chr	M. GRAY 08/05/04	1:1		A	51772-003
				appd	M. GRAY 08/05/04				
sheet index		revision sheet							

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Authorized Distributor

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[51772-003](#) [51772-003LF](#)