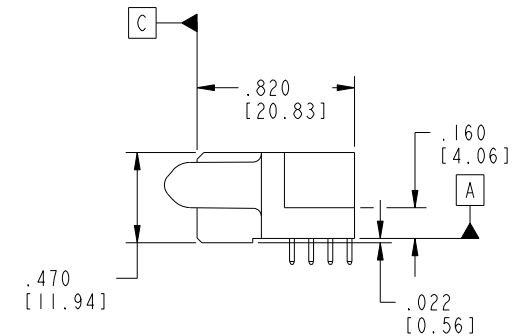
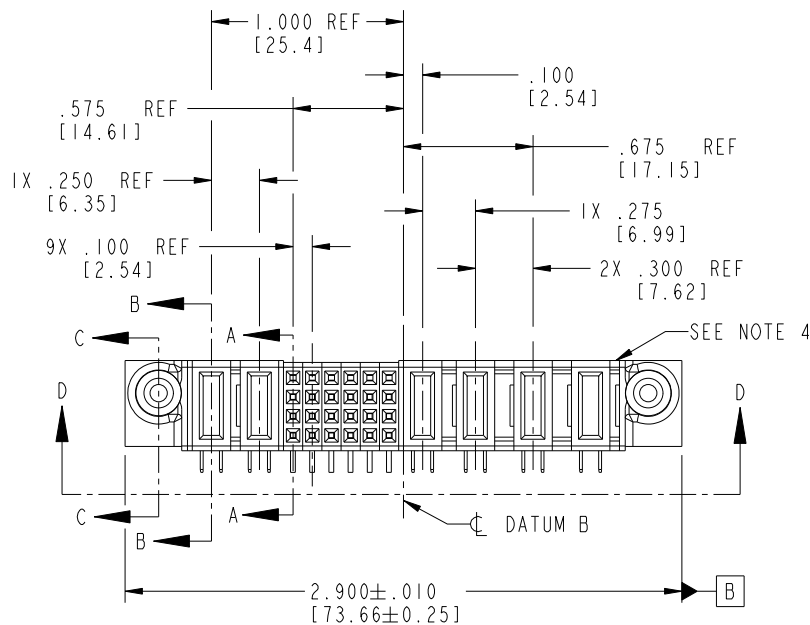


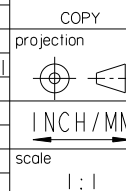


1															2															3															4														
PRODUCT NO.	ROWS		POWER			SIGNAL						POWER																																															
		E2	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1																																												
51787-004-- Note: ③	D C B A		PC	PA	H	H	H	H	H	H	PC	PA	PC	PC																																													
		G			G	G	G	G	G																																																		
		F			F	F	F	F	F																																																		
		E			E	E	E	E	E																																																		



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angles	dr	enr	chr	appd	scale	code
A	V20038	JWS	01-11-02	.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	J. SHAFFER	01-11-02	J. ALLISON	01-11-02	1:1	213
B	DG05-0170	SJ	06/19/05	.XXX±.002/0.XXX±0.051	0°±2°	J. ALLISON	01-11-02	J. ALLISON	01-11-02		1 of 4
C	DG08-0251	W D	09/16/08			J. ALLISON	01-11-02	J. ALLISON	01-11-02		
sheet index				revision	sheet	C	C	C	C		
				1	2	3	4				

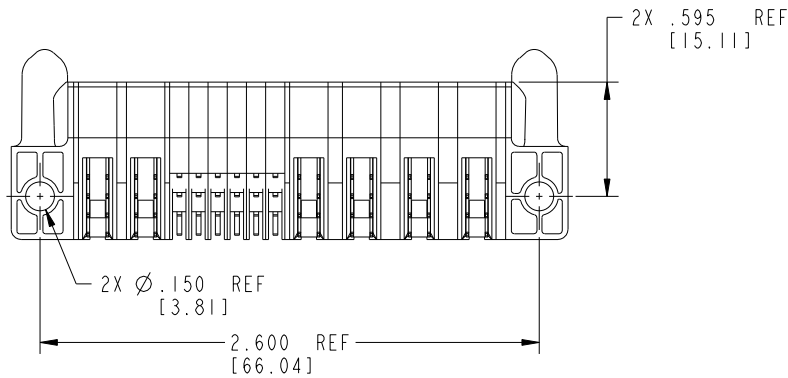


title		product family		code	
4P + 24S + 2P		PwrBlade		213	
R/A SOLDER RECEPTACLE		size		sheet	
A		51787-004		1 of 4	

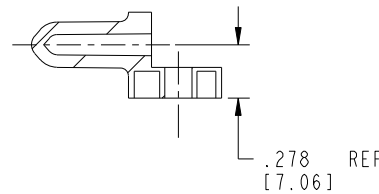
PRODUCT NUMBER

51787-004--

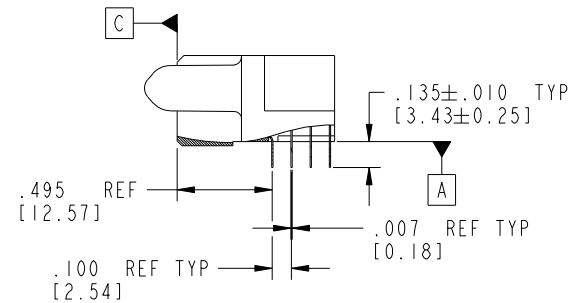
Note: ③



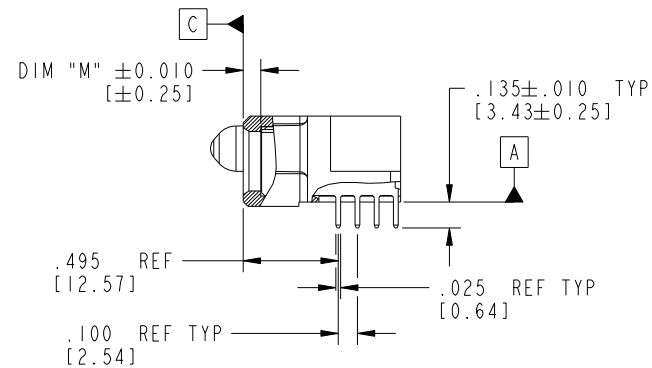
VIEW D-D



SECTION C-C



SECTION A-A

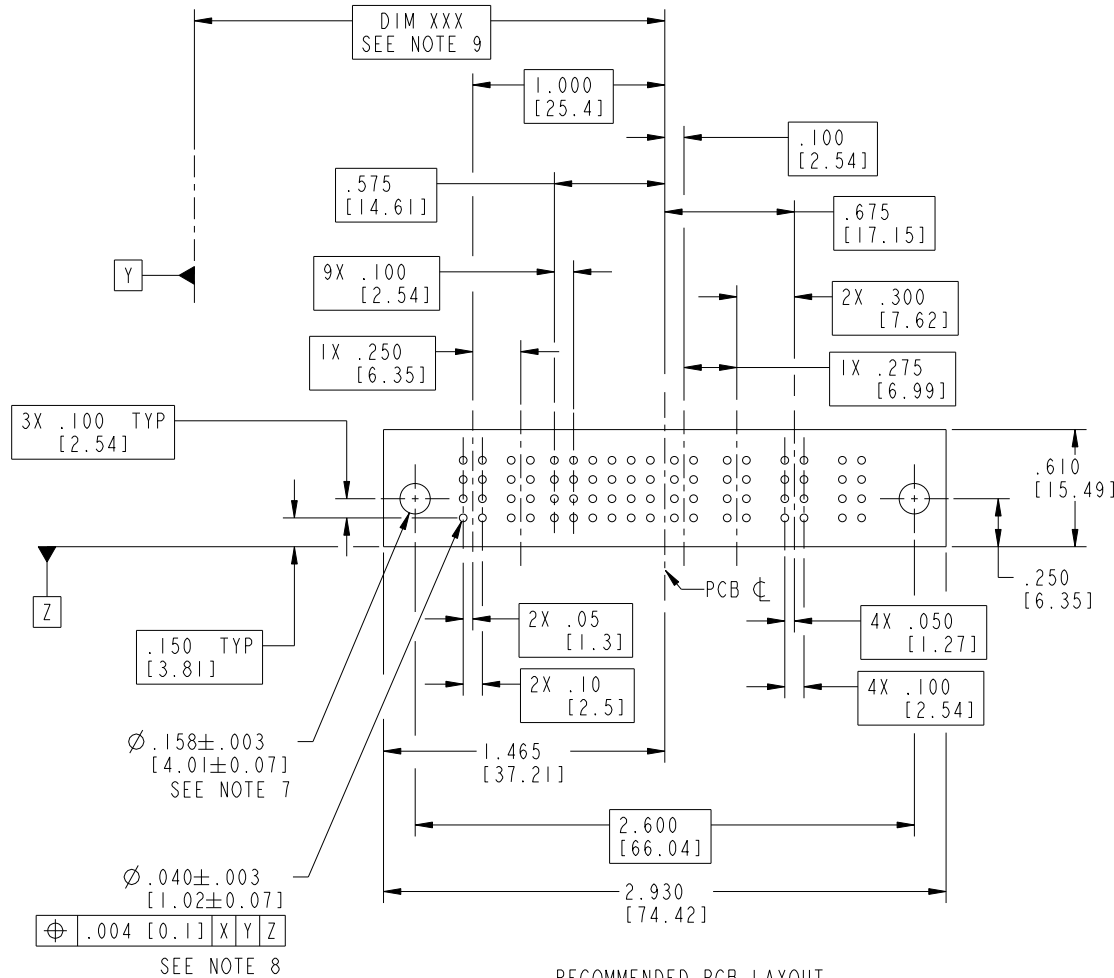


SECTION B-B

mat'l code SEE NOTE 2				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	
				angles	.XXX±.002/0.XXX±0.051	INCH/MM		4P + 24S + 2P	
				dr	J. SHAFFER 01-11-02	scale		R/A SOLDER RECEPTACLE	
				enrg	J. ALLISON 01-11-02	1:1		product family PwrBlade	
				chr	J. ALLISON 01-11-02			size dwg no	
				appd	J. ALLISON 01-11-02			A 51787-004	
sheet index		revision sheet						code 213	
								sheet 2 of 4	



PRODUCT NUMBER
51787-004--
Note: ③



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	projection	www.fciconnect.com	
C				angles	.XXX±.005/0.XX±0.13			title 4P + 24S + 2P	
					.XXXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
					0°±2°			product family PwrBlade	
				dr	J. SHAFFER 01-11-02			code 213	
				enr	J. ALLISON 01-11-02			size dwg no	
				chr	J. ALLISON 01-11-02			sheet 3 of 4	
				appd	J. ALLISON 01-11-02			A 51787-004	
sheet index	revision sheet					scale 1:1			

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Sep 21, 2008



1 | 2

3 |

4

PRODUCT NUMBER
51787-004--
Note: ③

NOTES:

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

CONNECTORS NOTES:

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

△③ SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51787-004 AND 51787-004LF RESPECTIVELY.

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

⑤ PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH 0.0003 [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.

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

10. A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI				www.fciconnect.com			
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY								title 4P + 24S + 2P R/A SOLDER RECEPTACLE						
C					$.XXX \pm .005 / 0.XX \pm 0.13$				projection														
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				angles														
					$0^\circ \pm 2^\circ$				INCH/MM								product family PwrBlade size dwg no A 51787-004						
				dr	J. SHAFFER	01-11-02	scale				code												
				enrg	J. ALLISON	01-11-02	1:1				213												
				chr	J. ALLISON	01-11-02					sheet												
				appd	J. ALLISON	01-11-02					4 of 4												
sheet index		revision sheet																					

1 | 2

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Sep 21, 2008