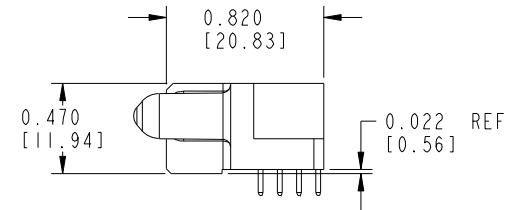
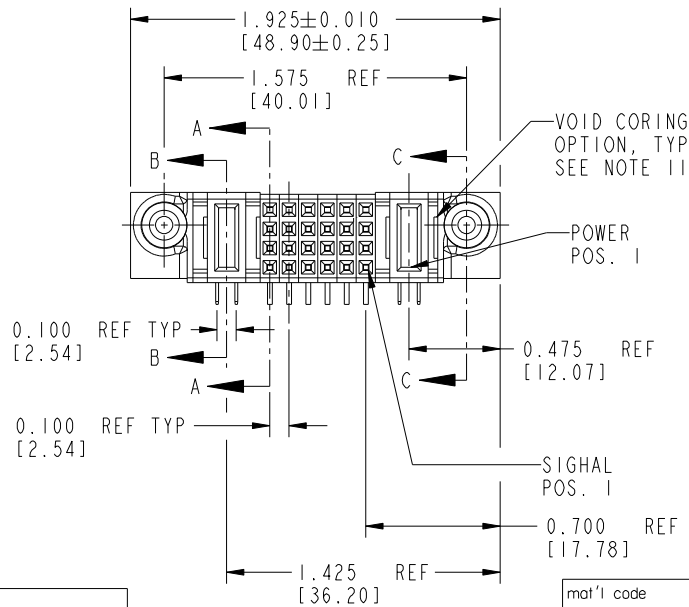
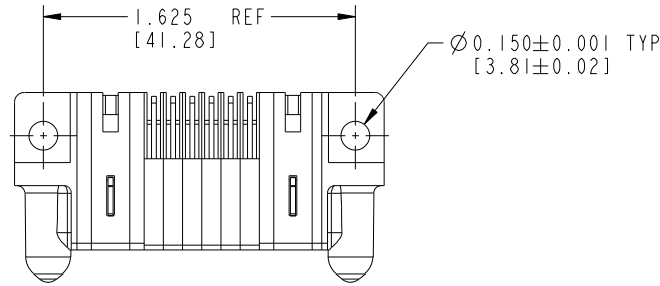




PRODUCT No.	ROWS	POWER		SIGNAL					POWER	
		E2	P2	6	5	4	3	2	P1	E1
51627-001 NOTE: ②	D		PA	H	H	H	H	H	PA	
	C			G	G	G	G	G		
	B			F	F	F	F	F		
	A			E	E	E	E	E		

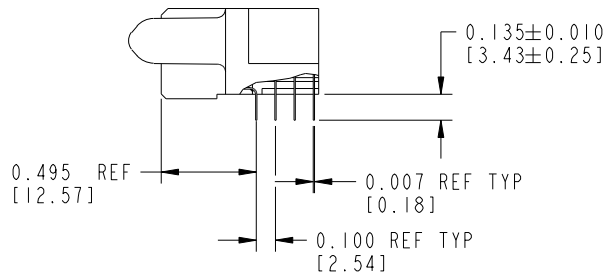


CODE	CONTACT TYPE
PA	POWER
E	SIGNAL
F	SIGNAL
G	SIGNAL
H	SIGNAL

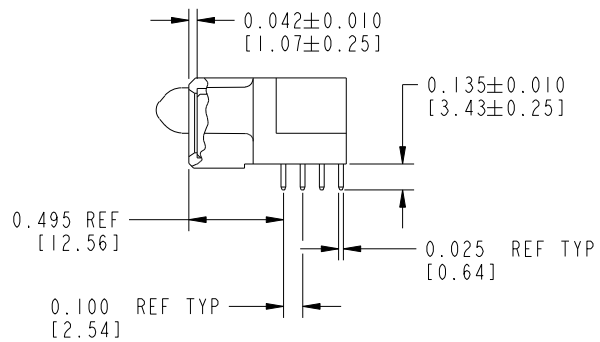
mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ± .01 / .X ± .3		projection 		title IP + 24S + IP RIGHT ANGLE SOLDER RECEPTACLE	product family PWRBLADE	
A	V90870	CHB	03-30-99		.XXX ± .005 / .XX ± .13						
B	V90885	CHB	05-40-99		.XXXX ± .0020 / .XXX ± .051						
C	V91755	SAR	08-05-99	angles	0° ± 2°		INCH/MM scale 1:1	A	51627	code 213 sheet 1 of 4	
D	V01392	EKK	06-26-00	dr	C. BAROT	03-30-99					
E	V10197	LSS	04-12-01	enrg	J. BROWN	03-30-99					
F	DG05-0243	SJ	07/26/05	chr	J. BROWN	03-30-99	scale 1:1	A	51627	sheet 1 of 4	
G	DG08-0237	W D	09/01/08	appd	J. BROWN	03-30-99					
sheet index		revision		G	G	G					
		sheet		1	2	3					



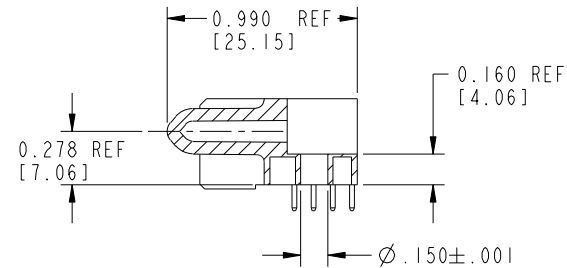
PRODUCT NUMBER
51627-001--
NOTE: ②



SECTION A-A



SECTION B-B



SECTION C-C

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY		FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX ±.01/.X ±.3				projection		title						
G					.XXX ±.005/.XX ±.13						IP + 24S + IP						
					.XXXX ±.0020/.XXX ±.051						RIGHT ANGLE SOLDER RECEPTACLE						
				angles	0° ± 2°					INCH/MM	product family				PWRBLADE		code
				dr	C. BAROT	03-30-99		size				dwg no		213			
				enrg	J. BROWN	03-30-99		scale				A		sheet			
				chr	J. BROWN	03-30-99								51627		2 of 4	
				appd	J. BROWN	03-30-99											
sheet index		revision sheet															



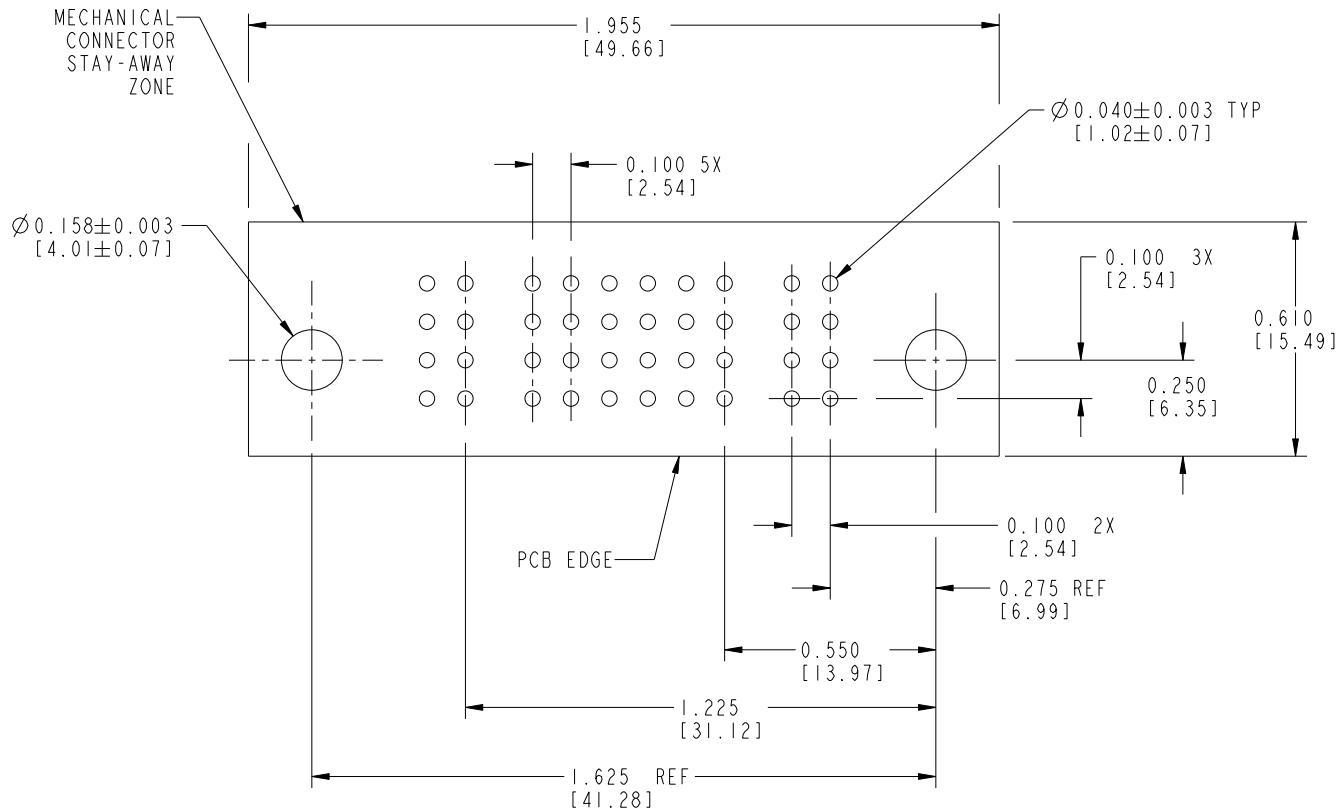
1 | 2

3 |

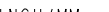
4

PRODUCT NUMBER

51627-001--
NOTE: (2)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER COPY				 www.fciconnect.com								
ltr	ecn no.	dr	date	linear	XX ± .01 / .X ± .3				projection 	title IP + 24S + IP RIGHT ANGLE SOLDER RECEPTACLE														
G					XXX ± .005 / .XX ± .13																			
					XXXX ± .0020 / .XXX ± .051																			
				angles	0° ± 2°																			
				dr	C. BAROT	03-30-99		INCH/MM 	product family PWRBLADE									code 213						
				enrg	J. BROWN	03-30-99			size dwg no									sheet 213						
				chr	J. BROWN	03-30-99			scale 2:1				A 51627											
				appd	J. BROWN	03-30-99						3 of 4												
sheet index		revision sheet																						

B

B

1 | 2

Pro/E

PDM: Rev:G

STAT: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51627-001--
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

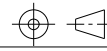
- ②. PLATING:
51627-001, 51627-001LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.

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. $\varnothing 0.158[4.01]$ THROUGH HOLES ARE UNPLATED.
9. $\varnothing 0.0453 \pm 0.0010$ [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 $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.
10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code				SEE NOTES			tolerances unless otherwise specified			CUSTOMER		
ltr	ecn no.	dr	date									
G				linear			XX $\pm .01$ / .X $\pm .3$			COPY		
							XXX $\pm .005$ / .XX $\pm .13$			projection		
				angles			XXXX $\pm .0020$ / .XXX $\pm .051$					
							0° $\pm 2^\circ$			INCH/MM		
				dr			C. BAROT			scale		
				enrg			J. BROWN	04-03-99				
				chr			J. BROWN	03-30-99				
				appd			J. BROWN	03-30-99				
sheet index		revision sheet										



www.fciconnect.com

title IP + 24S + IP
RIGHT ANGLE SOLDER RECEPTACLE

product family PwrBlade code 213
size dwg no 51627 sheet 4 of 4

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[51627-001LF](#) [51627-002LF](#)