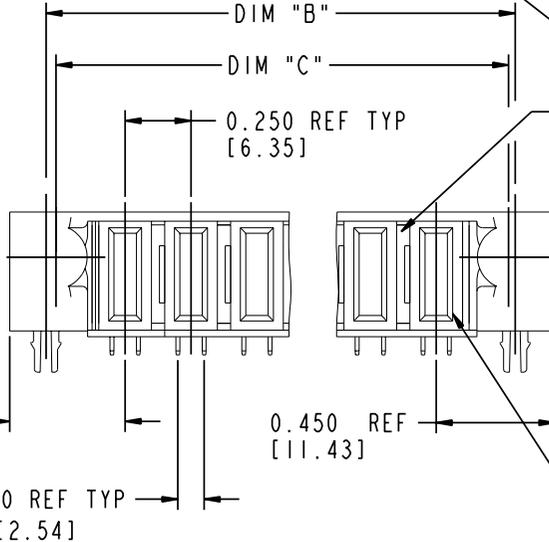
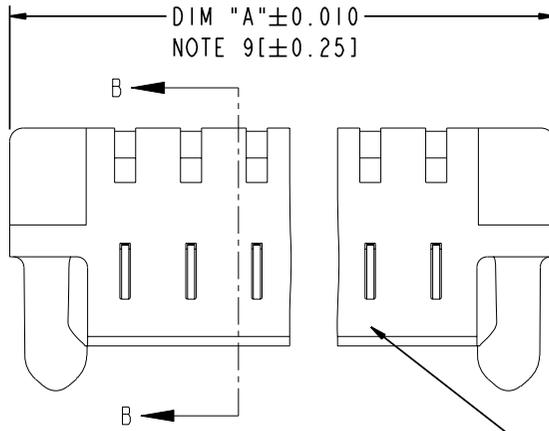


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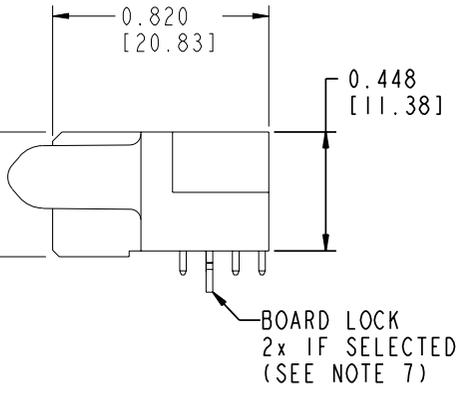
PRODUCT NUMBER
51763-ABB0000EF..
 Note: ①
 SEE NOTE 1



SEE NOTE 8

VOID CORING OPTION, TYP

POWER POS. P1



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.XX±.3			COPY		projection		title			
A	V02389	JRW	10/5/00		.XXX±.005/.XX±.13							RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER			
B	V21511	CGD	09/23/02		.XXX±.0020/.XX±.051							product family		code	
C	V03-0769	TAB	07/16/03	angles	0°±2°			INCH/MM		size		PWRBLADE		213	
D	DG05-0132	SJ	06/02/05	dr	LEV4 10/14/99			scale		A		51763		sheet	
E	DG05-0175	SJ	06/20/05	enrg	J. BROWN 10/14/99			3:2						1 of 3	
				chr	J. BROWN 10/14/99										
				appd	J. BROWN 10/14/99										
sheet index		revision sheet		E	E	E									
		1	2	3											

Pro/E

cage code **22526**

PDM: Rev:E

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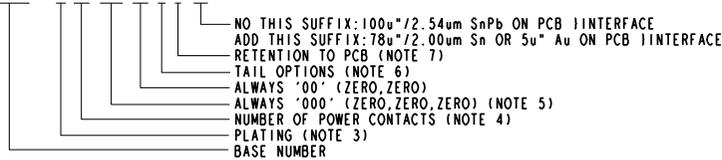
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Note: ①
SEE NOTE 1

DIM	LENGTH FORMULAS (SEE NOTE 9)
DIM "A"	.250 [6.35] x BB + .650 [16.51] (NOTE 9)
DIM "B"	.250 [6.35] x BB + .350 [8.89]
DIM "C"	.250 [6.35] x BB + .300 [7.62]
DIM "F"	.250 [6.35] x BB + .680 [17.27]

CONNECTOR NOTES:

①. PRODUCT NUMBER CODE:
51763 - A BB 000 00 E F LF



②. HOUSING MATERIAL: GLASS FILLED V-0 HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY

③. PLATING OPTION:
1 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA AND WITH 100u" / 2.54um SnPb OR 78u" / 2.00um Sn ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA WITH 100u" / 2.54um SnPb OR 78u" / 2.00um Sn ON PCB INTERFACE

3 = SIGNAL CONTACTS: 50u" / 1.27um Ni UNDER ALL; 30u" / 0.76um Au ON THE CONTACT AREA AND WITH 5u" / 0.13um Au ON PCB INTERFACE
POWER CONTACTS: 50u" / 1.27um Ni UNDER ALL; WITH 30u" / 76um Au ON CONTACT AREA WITH 5u" / 0.13um Au ON PCB INTERFACE

④. POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR

⑤. THIS PART IS NOT AVAILABLE WITH SIGNAL CONTACTS.

⑥. TAIL OPTIONS:
A = .135±0.010 [3.43±0.25] SOLDER TO BOARD
B = .090 +.005/-0.010 [2.29 +0.13/-0.25] SOLDER TO BOARD
C = .154 ±0.010 [3.91 ±0.25] PRESS-FIT TO BOARD

⑦. RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098±.002/-0.001 [2.49±0.05/-0.03] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .220[5.59]
NOT AVAILABLE FOR PRESS-FIT
B = .150 [3.81] THRU HOLE (REQUIRES .158 ± .003 [4.01±0.08] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .160[4.06]
ALWAYS AVAILABLE FOR PRESS-FIT

⑧. MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

⑨. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2].

10. PRODUCT SPECIFICATION GS-12-149.
11. APPLICATION SPECIFICATION BUS -20-067.
12. FOR PRESS-FIT CONNECTORS USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10].
15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
16. Ø0.0453±0.001 [1.151±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] PLATING TO ACHIEVE A 0.040±0.003 [1.02±0.08] HOLE.

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ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		projection		title		RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER	
E					.XXX±.005/.XX±.13								
				angles	.XXX±.0020/.XXX±.051					product family		PWRBLADE	
				dr	0°±2°			INCH/MM		size		213	
				engr	LEV4 10/14/99			scale		A		51763	
				chr	J. BROWN 10/14/99			3:2		sheet		2	
				appd	J. BROWN 10/14/99					cage code		22526	
sheet index	revision sheet												

Pro/E

PDM: Rev:E

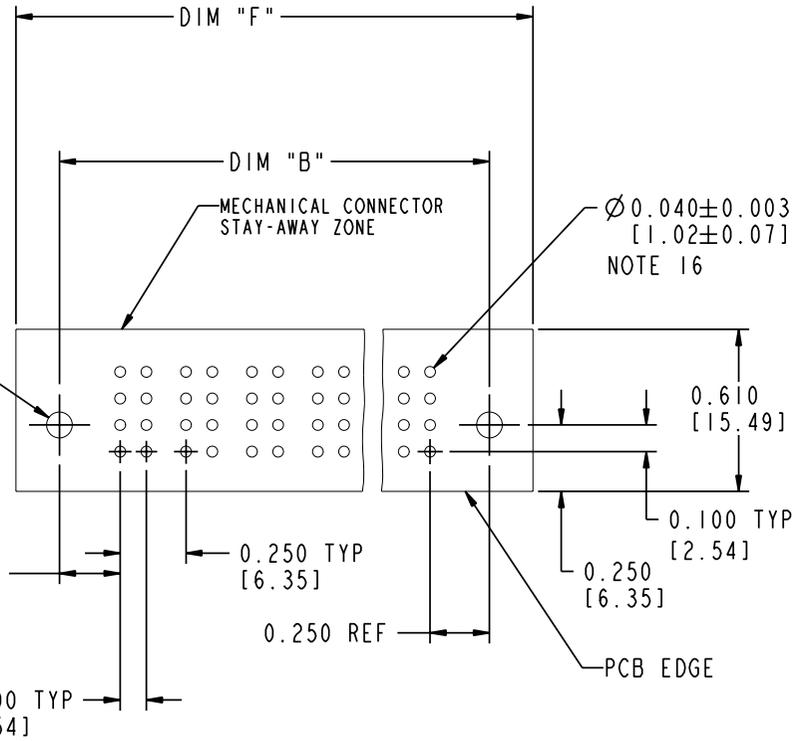
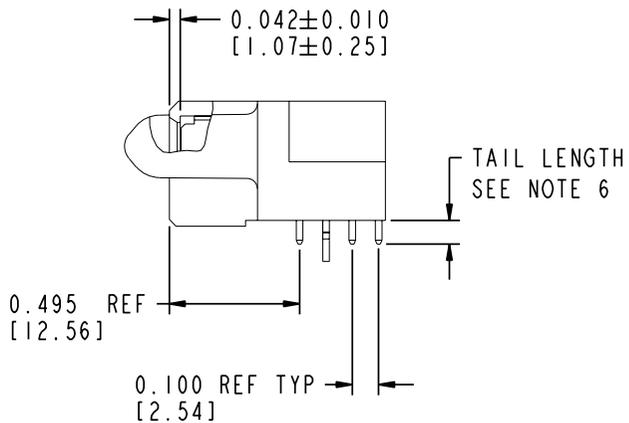
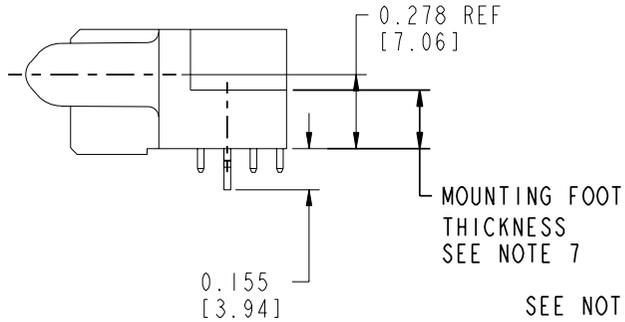
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 Note: ①



RECOMMENDED PCB LAYOUT

SECTION B-B

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ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		projection	
E					.XXX±.005/.XX±.13	INCH/MM		title	
				angles	.XXX±.0020/.XXX±.051	3:2		RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER	
				dr	0°±2°	scale		product family	
				enr	LEV4 10/14/99	A		PWRBLADE	
				chr	J. BROWN 10/14/99	size		code	
				appd	J. BROWN 10/14/99	51763		213	
sheet index		revision sheet						sheet 3	

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