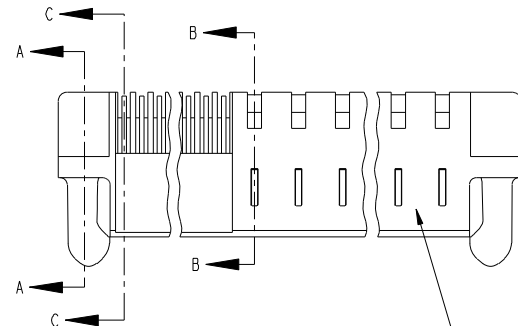


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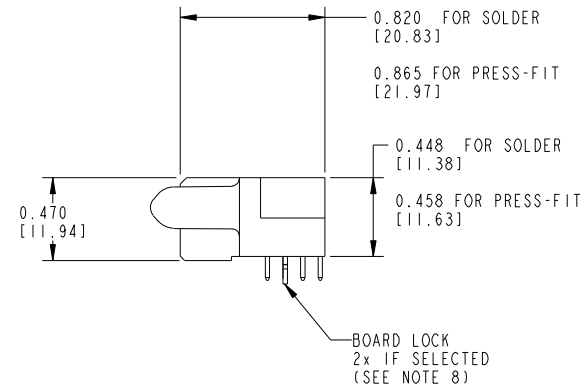
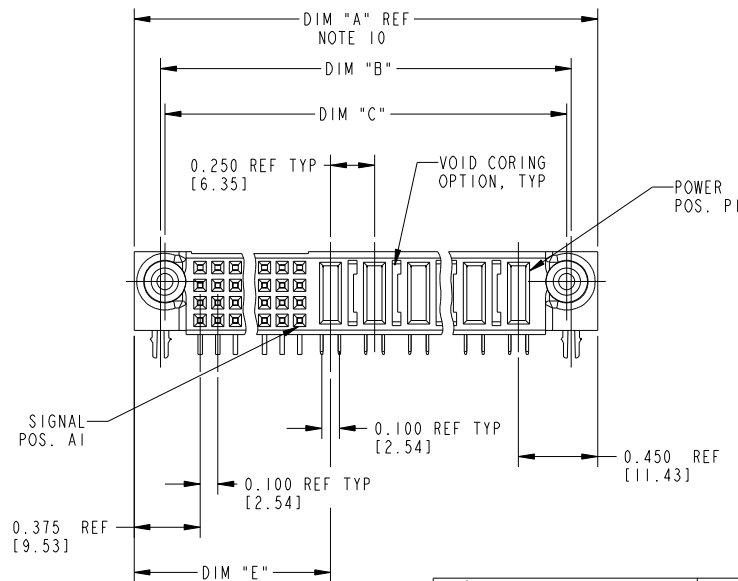


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PRODUCT NUMBER
51762- ABBCCC00EF-- Note: ③
SEE NOTE 1



SEE NOTE 9



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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL			
J	D605-0124	SJ	06/03/05		.XXX±.005/.XX±.13						
K	D608-0239	JC	09/11/08		.XXX±.0020/.XX±.051						
				angles	0°±2°		INCH / MM  scale 1:1	product family		PWRBLADE	code
				dr	D. BOGLE	05-18-99		size	dwg no	51762	213
				enrg	J. BROWN	05-18-99					
				chr	J. BROWN	05-18-99					
				appd	J. BROWN	05-18-99					SHEET 1 OF 3
sheet index		revision sheet		K	K	K					
		I	2	3							

form no. 7530-001-103

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B

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1 2

PRODUCT NUMBER
51762-ABBCC00EF-- Note: ③
SEE NOTE 1

1 2

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)
DIM "B"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .350 [8.89]
DIM "C"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .300 [7.62]
DIM "E"	.100 [2.54] x (CCC/4) + .450 [11.43]
DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .680 [17.27]
DIM "H"	.100 [2.54] x (CCC/4) + .250 [6.35]

4

CONNECTOR NOTES

① PRODUCT NUMBER CODE:
51762 - A BB CCC 00 E F LF

NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
ALWAYS '00' (ZERO, ZERO) (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF RIGHT POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER



- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- ③ PLATING OPTION:
1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51762-1BBCC00EF; 51762-1BBCC00EFLF
- ④ RIGHT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD.
020 TO 148 AVAILABLE FOR PRESS-FIT TO BOARD.
- ⑥ THIS PART NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.
- ⑦ TAIL OPTIONS:
A = .135 ±.010 [3.43 ±.25] SOLDER TO BOARD
B = .090 ±.005 / -.010 [2.29 ±0.13 / -.025] SOLDER TO BOARD
C = .154 ±.010 [3.91 ±0.25] PRESS-FIT TO BOARD

- ⑧ RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 +.002/- .001 [2.49 +0.05/-0.03] THRU HOLE IN PCB MOUNTING FOOT HEIGHT: .220 [5.59]
NOT AVAILABLE FOR PRESS-FIT
B = .150 [3.81] THRU HOLE (REQUIRES .158 ±0.003 [4.01 ±0.08] THRU HOLE IN PCB). MOUNTING FOOT HEIGHT .160 [4.06]
ALWAYS AVAILABLE FOR PRESS-FIT
- ⑨ MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- ⑩ THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2]
11. PRODUCT SPECIFICATION GS-12-149
12. APPLICATION SPECIFICATION BUS-20-067.
13. FOR PRESS-FIT CONNECTORS USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

PCB NOTES:

14. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
15. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.10]
16. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
17. Ø0.0453 ±.001 [1.151 ±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08] PLATING TO ACHIEVE A .040 ±.003 [1.02 ±0.08] HOLE.
18. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

A

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com		
litr	ecn no.	dr	date						
K				linear	.XX±.01 / .X±.3	projection			
					.XXX±.005 / .XX±.13				
					.XXX±.0020 / .XX±.051		INCH / MM		
				angles	0° ± 2°				
				dr	DBOGLE 05-18-99		product family		PWRBLADE
				enrg	J. BROWN 05-18-99		size		code
				chr	J. BROWN 05-18-99		dwg no		213
				appd	J. BROWN 05-18-99		scale		SHEET
							1:1		2 OF 3
sheet index	revision sheet								

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B

cage code 22526

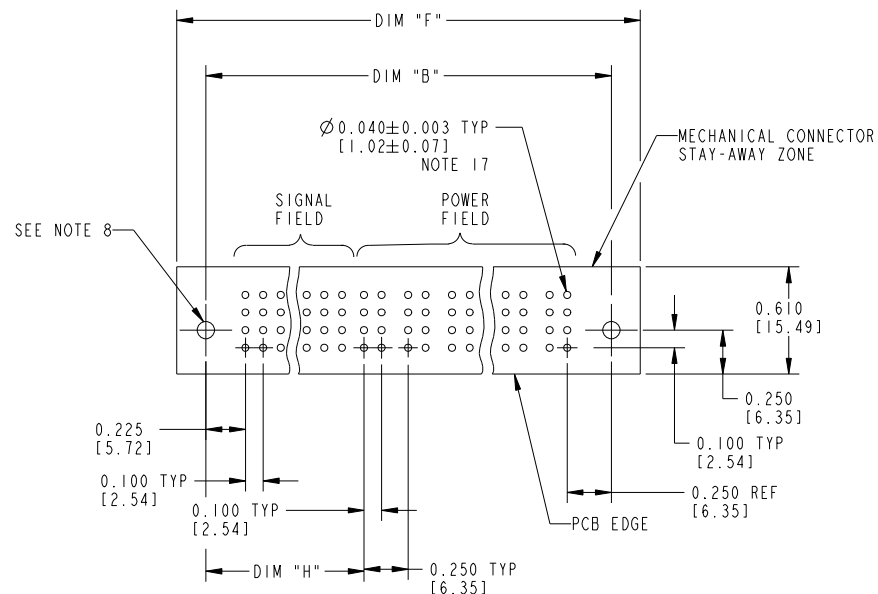
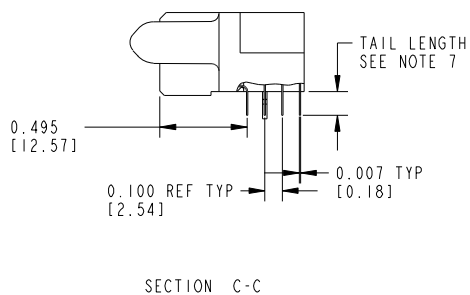
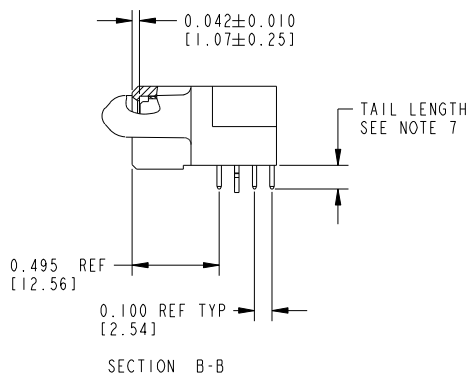
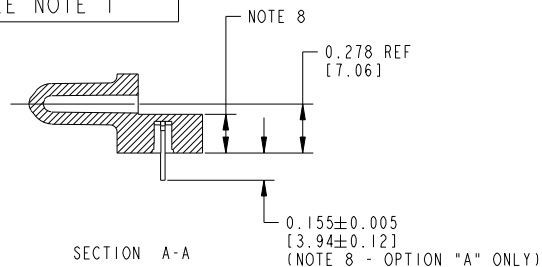
4

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PRODUCT NUMBER
51762-ABBCCC00EF--
Note: ③
SEE NOTE 1



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com			
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection 	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL			
K					.XXX±.005/.XX±.13						
				angles	.XXX±.0020/.XX±.051						
					0°±2°						
		dr		D.BOGLE	05-18-99	INCH / MM 	product family		PWRBLADE	code	
		enrg		J. BROWN	05-18-99		size	dwg no		213	
		chr		J. BROWN	05-18-99		scale 1:1	A		51762	SHEET 3 OF 3
		appd		J. BROWN	05-18-99						
sheet index	revision sheet										

form no. 7530-001-103

cage code 22526