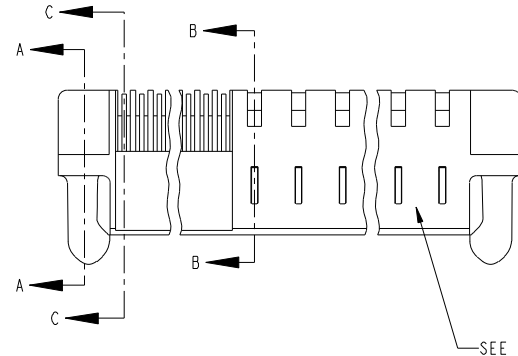


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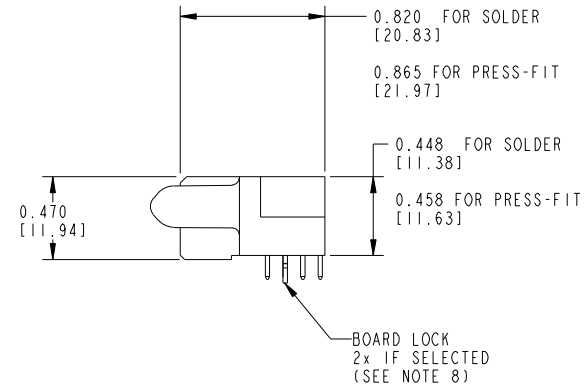
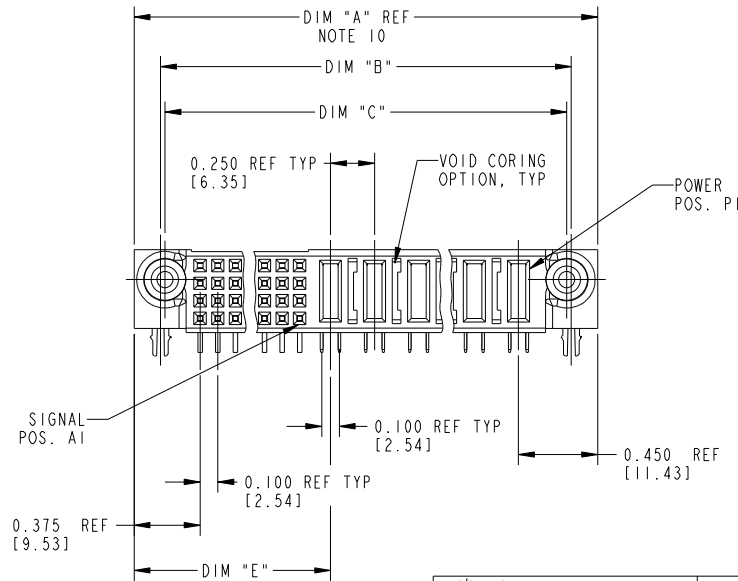


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PRODUCT NUMBER
51762- ABBCCC00EF-- Note: (3)
SEE NOTE 1



SEE NOTE 9



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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY		FCI 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	angles	.XXX±.0020/.XX±.051				
				dr	0°±2°	INCH / MM	product family PWRBLADE		code 213
				enr	J. BROWN 05-18-99	scale 1:1	size dwg no 51762		SHEET 1 OF 3
				chr	J. BROWN 05-18-99				
				appd	J. BROWN 05-18-99				
sheet index	revision sheet	K	K	K					
		1	2	3					

form no. 7530-001-103

cage code 22526

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B

form no. 7530-001-103

1 2

PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)									
51762-ABBCC00EF-- Note: ③		DIM "A"		$.100 [2.54] \times (CCC/4) + .250 [6.35] \times BB + .650 [16.51] \text{ (NOTE 10)}$									
SEE NOTE 1		DIM "B"		$.100 [2.54] \times (CCC/4) + .250 [6.35] \times BB + .350 [8.89]$									
		DIM "C"		$.100 [2.54] \times (CCC/4) + .250 [6.35] \times BB + .300 [7.62]$									
		DIM "E"		$.100 [2.54] \times (CCC/4) + .450 [11.43]$									
		DIM "F"		$.100 [2.54] \times (CCC/4) + .250 [6.35] \times BB + .680 [17.27]$									
		DIM "H"		$.100 [2.54] \times (CCC/4) + .250 [6.35]$									

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: I = 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.

⑪ $\varnothing 0.0453 \pm .001 [1.151 \pm 0.02]$ DRILLED HOLES PLATED WITH $0.0003 [0.007]$ MIN SnPb OVER $0.001 [1.03]$ TO $.003 [0.08]$ PLATING TO ACHIEVE A $.040 \pm .003 [1.02 \pm 08]$ HOLE.

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

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ltr	ecn no.	dr	date	linear	$.XX \pm .01 / .X \pm .3$			projection	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL							
K					$.XXX \pm .005 / .XX \pm .13$											
					$.XXX \pm .0020 / .XX \pm .051$											
					$0^\circ \pm 2^\circ$											
				angles					product family PWRBLADE code 213							
				dr	D.BOGLE 05-18-99											
				enrg	J. BROWN 05-18-99											
				chr	J. BROWN 05-18-99											
				appd	J. BROWN 05-18-99			scale 1:1	size A							
sheet index				revision sheet									cage code 22526			

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form no. 7530-001-103										3										4									
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A

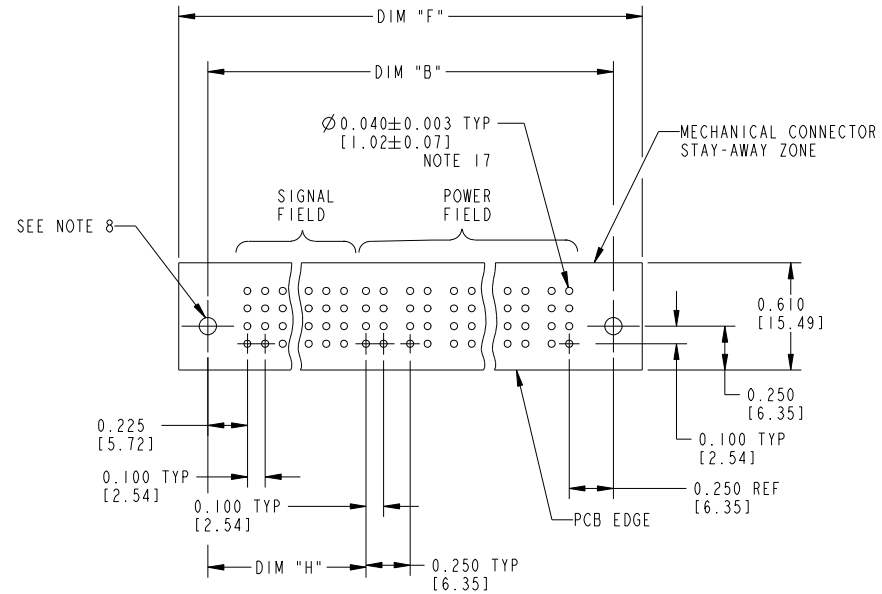
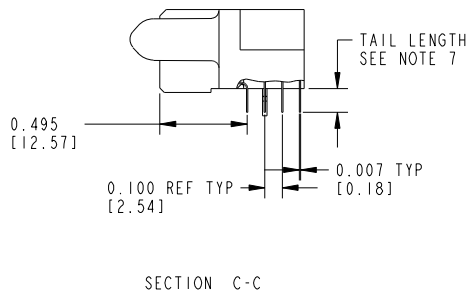
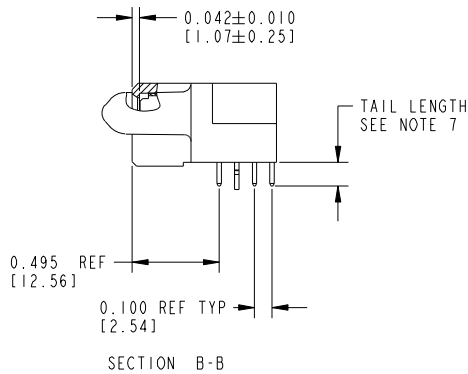
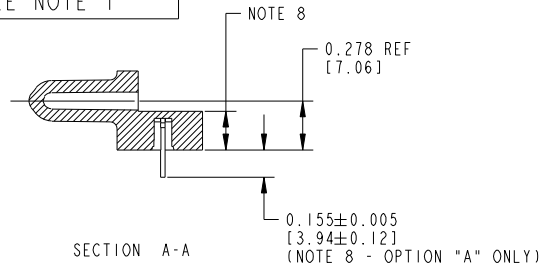
B

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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	product family PWRBLADE	code 213	
K					.XXX±.005/.XX±.13						
					.XXX±.0020/.XX±.051						
				angles	0°±2°	INCH / MM scale 1:1			size dwg no 51762	SHEET 3 OF 3	
				dr	D.BOGLE 05-18-99						
				enrg	J. BROWN 05-18-99						
				chr	J. BROWN 05-18-99						
				appd	J. BROWN 05-18-99						
sheet index	revision sheet										

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