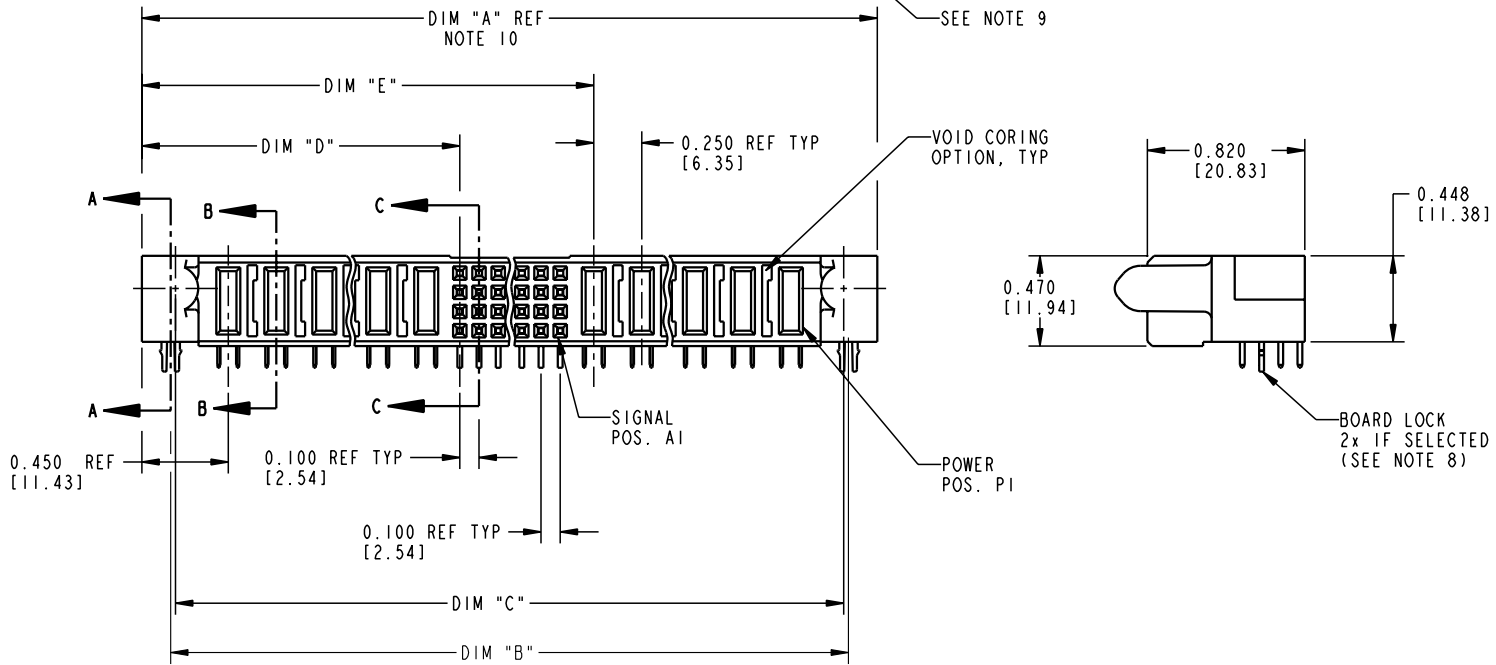
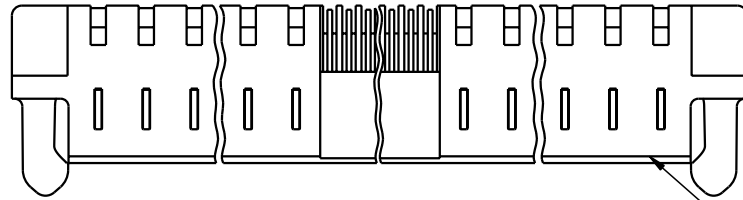


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PRODUCT NUMBER
51760- ABBCCDDEF
SEE NOTE 1



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			
B	V91363	CHB	06-11-99		.XXX±.005/.XX±.13	 INCH / MM	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL / POWER		
C	V94083	CHB	11-01-99	angles	.XXXX±.0020/.XXX±.051		product family PwrBlade	code 213	
D	V94413	EKK	01-13-00		0°±2°	scale 1:1	size A	dwg no 51760	SHEET 1 OF 3
E	V01396	EKK	06-28-00	dr	D. BOGLE 05-18-99				
F	V01898	CHB	08-04-00	engr	J. BROWN 05-18-99				
G	V02389	JWS	10-6-00	chr	J. BROWN 05-18-99				
H	V21511	CGD	09/23/02	appd	J. BROWN 05-18-99				
sheet index	revision sheet	H 1	H 2	H 3					

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form no. 7530-001-103

cage code 22526

PDM: Rev:H

STATUS: Released

Printed: Nov 09, 2002

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B

PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)			
51760-ABBCCDDEF		DIM "A"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)			
SEE NOTE 1		DIM "B"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .350 [8.89]			
		DIM "C"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .300 [7.62]			
		DIM "D"		.250 [6.35] x DD + .375 [9.35]			
		DIM "E"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .450 [11.43]			
		DIM "F"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .680 [17.27]			
		DIM "G"		.250 [6.35] x DD + .225 [5.72]			
		DIM "H"		.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35]			

CONNECTOR NOTES

① PRODUCT NUMBER CODE:
51760 - A BB CCC DD E F

RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
NUMBER OF LEFT END POWER CONTACTS (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 = SIGNAL CONTACTS: 30u" / .76u OVER 50u" / 1.27u Ni
POWER CONTACTS: 50u" / 1.2u Ni UNDERPLATE OVERALL
30u" / .76u" Au ON CONTACT AREA
WITH SnPb ON PCB INTERFACE

④ RIGHT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR

⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

⑥ LEFT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR


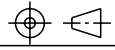
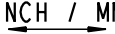
⑦ TAIL OPTIONS:
A = .135 ± .010 [3.43 ± .25] SOLDER TO BOARD
B = .090 + .005 / -.010 [2.29 + 0.13 / -.025] SOLDER TO BOARD

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])
B = .150 [3.81] THRU HOLE (REQUIRES .158 ± 0.003 [4.01 ± 0.08] THRU HOLE IN PCB). MOUNTING FOOT HEIGHT .160 [4.06]

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.

PCB NOTES:
13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.10]
15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
16. Ø 0.0453 ± .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.

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H					.XXX±.005 / .XX±.13					RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL / POWER		
				angles	.XXX±.0020 / .XXX±.051			product family		code		
					0° ± 2°			PwrBlade		213		
				dr	D. BOGLE	05-18-99	INCH / MM		product family		code	
				enrg	J. BROWN	05-18-99	scale		size		213	
				chr	J. BROWN	05-18-99	1:2		51760		SHEET 2 OF 3	
				appd	J. BROWN	05-18-99			A			
sheet index		revision sheet										

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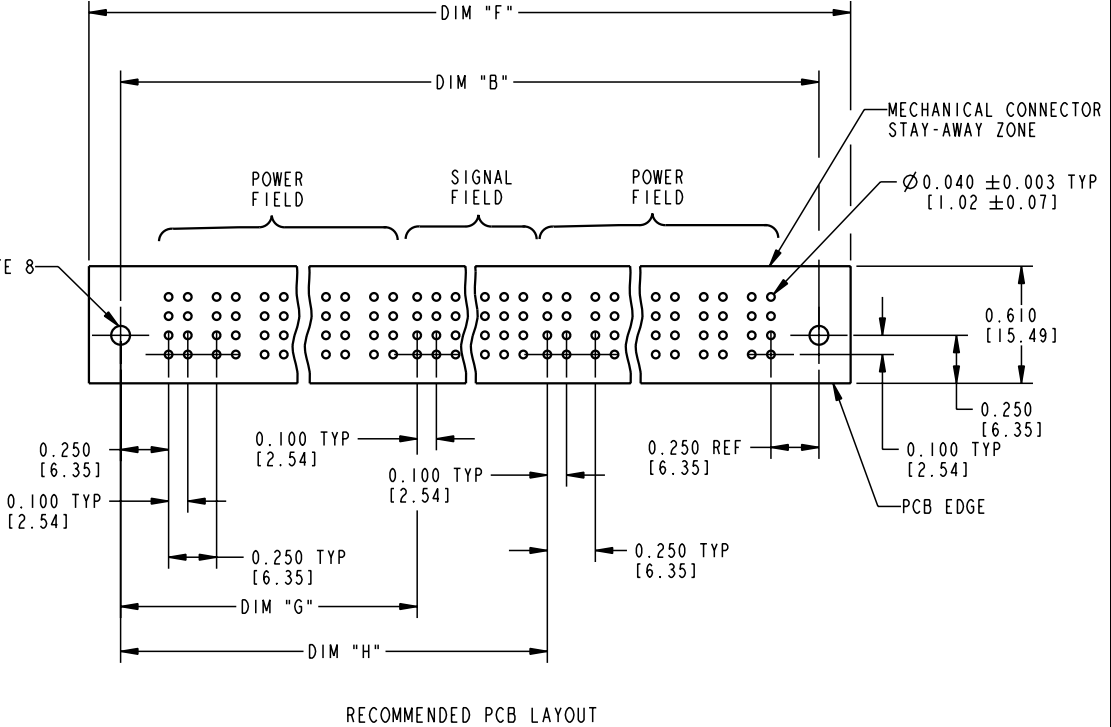
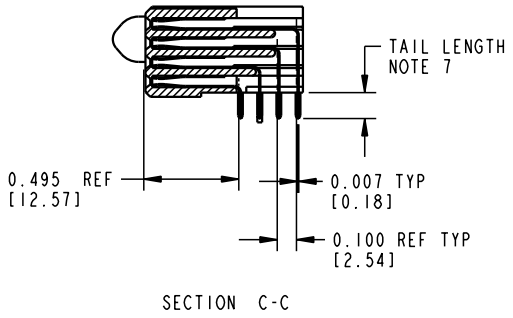
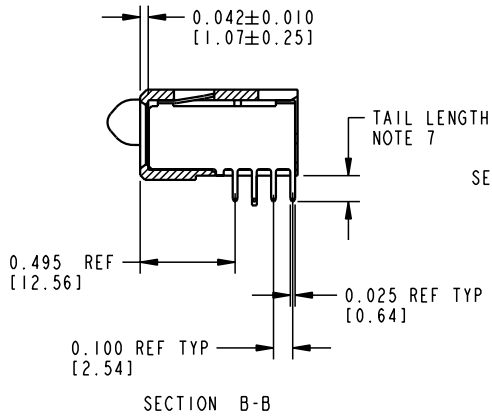
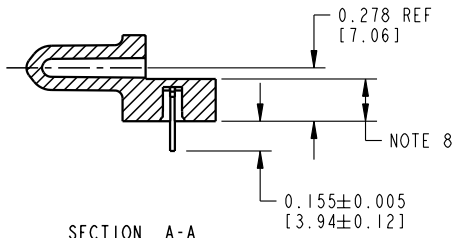
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PRODUCT NUMBER
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ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3		projection			title	
H					.XXX±.005/.XX±.13					RIGHT ANGLE RECEPTACLE w/GUIDE PIN	
					.XXXX±.0020/.XXX±.051					POWER / SIGNAL / POWER	
				angles	0°±2°		INCH / MM		product family		
				dr	D. BOGLE	05-18-99	scale		PwrBlade		
				engr	J. BROWN	05-18-99	1:1		code		
				chr	J. BROWN	05-18-99			213		
				appd	J. BROWN	05-18-99			SHEET		
sheet index		revision sheet						A		3 OF 3	
								51760			

form no. 7530-001-103

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<input type="checkbox"/>	51760-10002004AALF	<input type="checkbox"/>	20P 4S STB Right Angle Receptacle		
<input type="checkbox"/>	51760-10002806AA	<input type="checkbox"/>	28P 6S STB Right Angle Receptacle		
<input type="checkbox"/>	51760-10001604AA	<input type="checkbox"/>	16P 4S STB Right Angle Receptacle		
<input type="checkbox"/>	51760-10001204AALF	<input type="checkbox"/>	R/A REC, PWRBLADE		
<input type="checkbox"/>	51760-10002406AALF	<input type="checkbox"/>	PWRBLADE R/A LF REC		
<input type="checkbox"/>	51760-10004000AA	<input type="checkbox"/>	PWRBLADE R/A REC		
<input type="checkbox"/>	51760-10004802AALF	<input type="checkbox"/>	R/A REC, PWRBALDE		

LF Suffix : For Electronics division Items, all part numbers ending in LF are EU and China RoHS Compatible

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<input type="checkbox"/> 51760-10203200AALF		20P 32S STB Right Angle Receptacle	

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