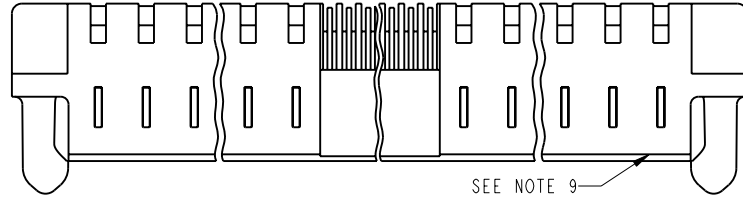


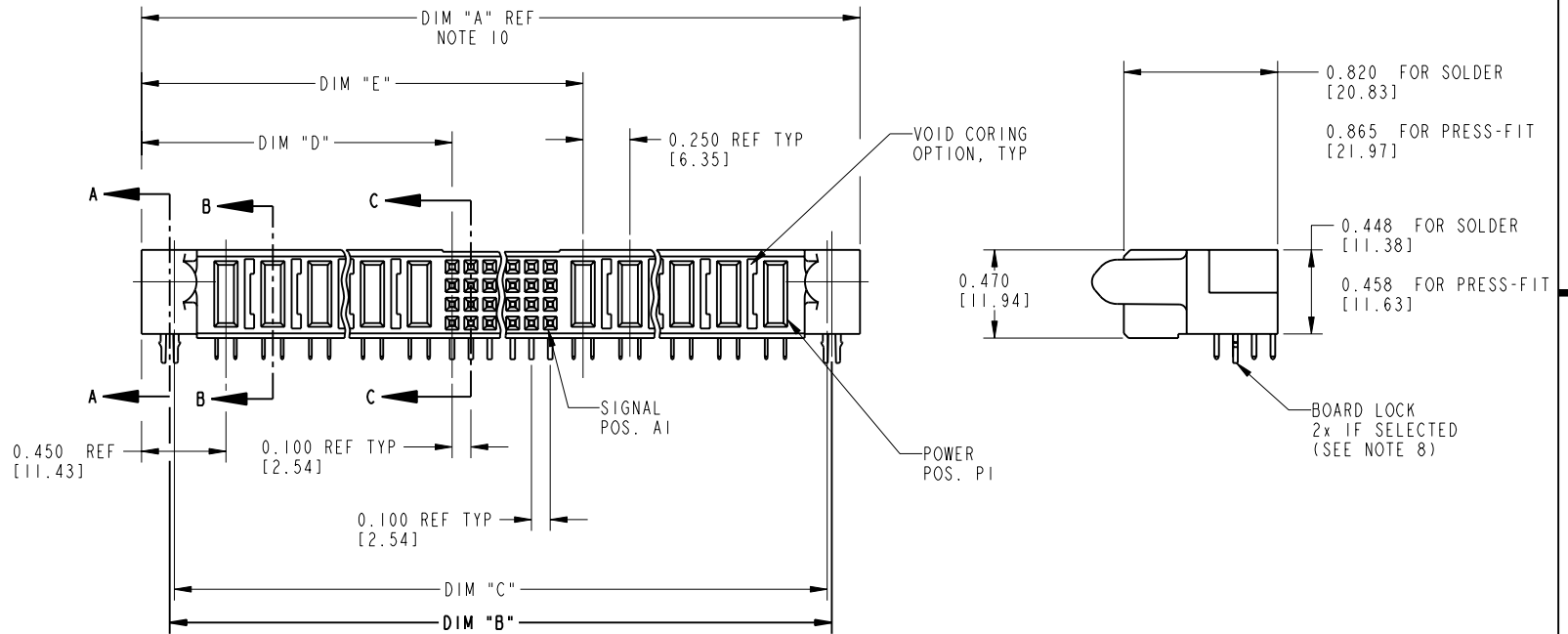
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PRODUCT NUMBER  
 51760- ABBCCDDEF...  
 Note: ③  
 SEE NOTE 1



SEE NOTE 9



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com
ltr	ecn no.	dr	date	linear	angles	projection	
K	DG05-0124	SJ	06/03/05	.XX±.01/.X±.3	0°±2°	 INCH / MM scale 1:1	product family PwrBlade
L	DG05-0485	GuoJM	11/21/05	.XXX±.005/.XX±.13			code 213
				.XXX±.0020/.XXX±.051			product family PwrBlade
							code 213
				dr D. BOGLE 05-18-99			product family PwrBlade
				enrg J. BROWN 05-18-99			code 213
				chr J. BROWN 05-18-99			product family PwrBlade
				appd J. BROWN 05-18-99			code 213
sheet index	revision sheet	L	L	L			product family PwrBlade
		1	2	3			code 213

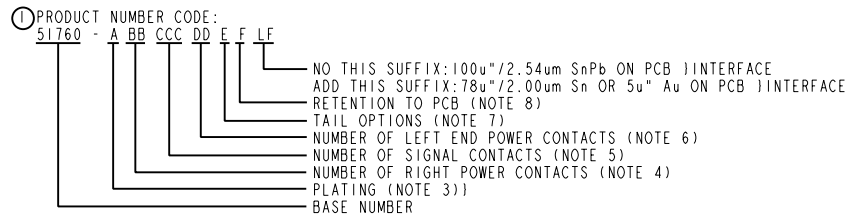
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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51760-ABBCCDDEF-- Note: ③	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)
SEE NOTE 1	DIM "B"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .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 LF  
NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE  
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE  
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-0 HIGH TEMP THERMO PLASTIC.  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
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 RIGHT END POWER CONTACTS, 01 TO 20 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 LEFT END POWER CONTACTS, 01 TO 20 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  
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 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.

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mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection	title RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL / POWER		
L				angles	.XXX±.005/.XX±.13		product family PwrBlade code 213		
				dr	D. BOGLE 05-18-99	INCH / MM	size	dwg no	51760
				enrg	J. BROWN 05-18-99	scale	A	SHEET 2 OF 3	
				chr	J. BROWN 05-18-99	1:2			
				appd	J. BROWN 05-18-99				
sheet index	revision sheet								

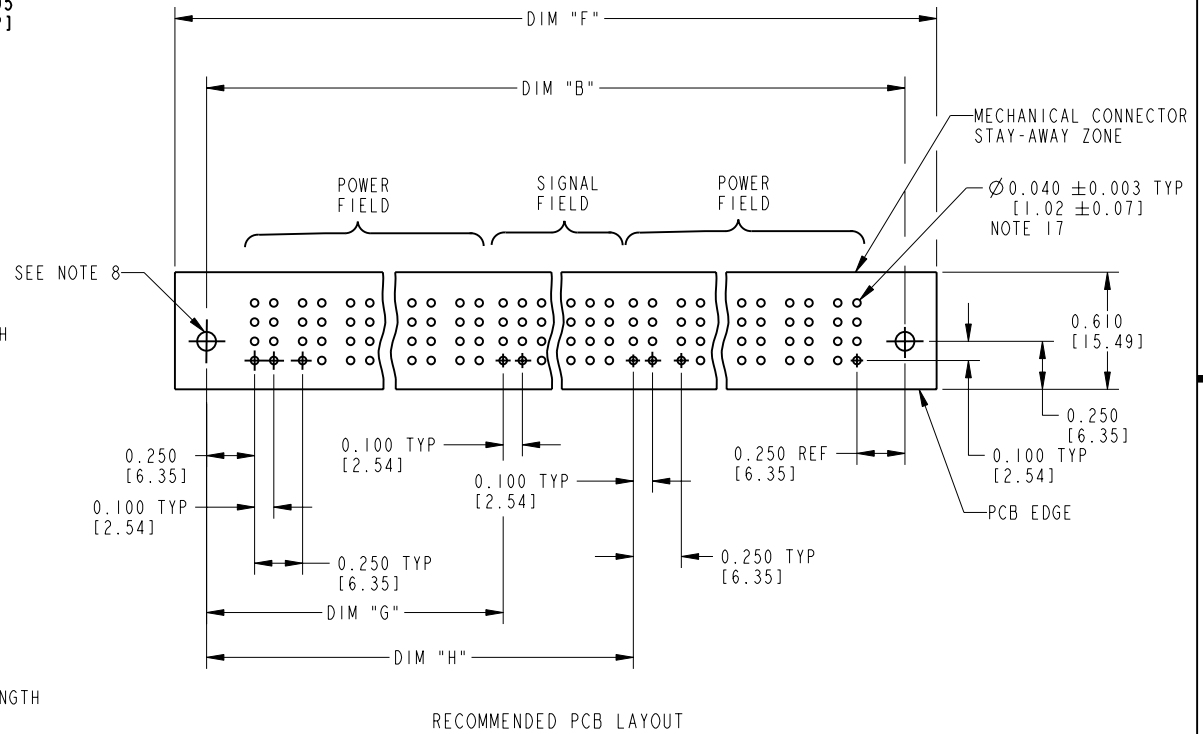
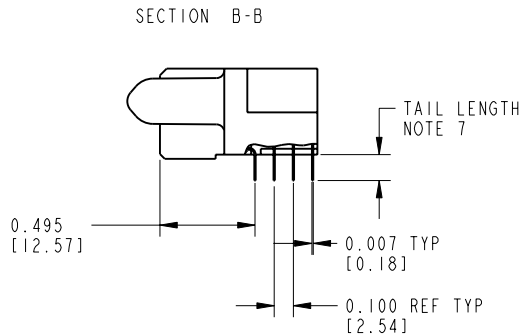
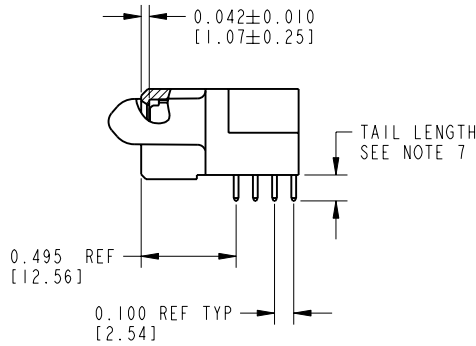
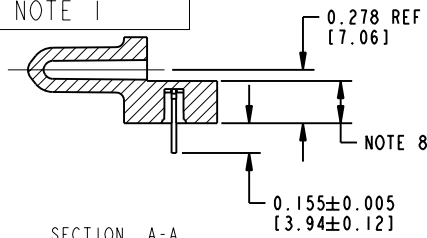
form no. 7530-001-103

cage code 22526

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PRODUCT NUMBER  
51760 - ABBCCDDEF\_\_  
Note: ③  
SEE NOTE 1



mat'l code				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 / POWER	
L				angles	.XXX±.005/.XX±.13	 INCH / MM		product family PwrBlade code 213	
				dr	.XXXX±.0020/.XXX±.051	scale 1:1		size dwg no 51760 SHEET 3 OF 3	
				engr	0°±2°				
				chr	D. BOGLE 05-18-99				
				appd	J. BROWN 05-18-99				
					J. BROWN 05-18-99				
sheet index	revision sheet							coge code 22526	