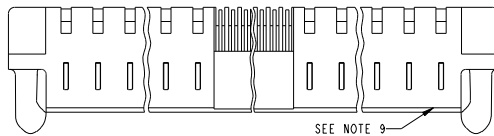


Tous droits strictement réservés. Reproduction ou communication à des tiers sans autorisation écrite du propriétaire. Property of FCJ. Droit de reproduction FCJ.

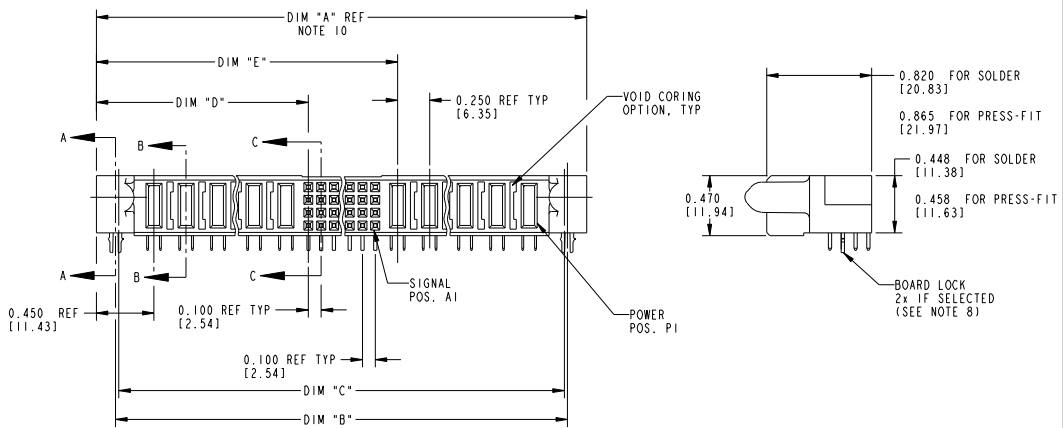


All rights strictly reserved. Reproduction or issue to third parties in any form or by any means without written authority from the proprietor. Property of FCJ. Copyright FCJ.

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



SEE NOTE 9



THIS FILE WAS ORIGINALLY CREATED IN THE PRO ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO THIS FILE MUST BE MADE IN THE PRO ENGINEER ENVIRONMENT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCJ	www.fcjconnect.com
itr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY	projection	title
K	D605-0124	SJ	06/03/05		.XXX±.005/.XX±.13			RIGHT ANGLE RECEPTACLE w/GUIDE PIN
L	D605-0485	GvoJM	11/21/05		.XXXX±.0020/.XXX±.051			POWER / SIGNAL / POWER
M	D607-0498	JW	05/23/08	angles	0°±.2°			product family
				d	D. BOGLE 05-18-99			PwrBl code
				eng	J. BROWN 05-18-99	INCH / MM		213
				chr	J. BROWN 05-18-99	scale	1:1	51760
				appd	J. BROWN 05-18-99			SHEET 1 OF 3
sheet index	revision sheet	M	M	M				
		1	2	3				

form no. 7530-001-I03

1 | 2

3 |

cage code 22526

4

PDM: Rev:M

STATUS:Released

Printed: Dec 20, 2010

Tous droits strictement réservés. Reproduction ou communication à des tiers sans autorisation écrite du propriétaire. Property of FCJ. Droit de reproduction FCJ.



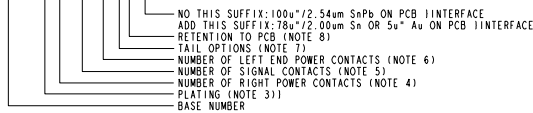
All rights strictly reserved. Reproduction or issue to third parties in any form or by any means without written authority from the proprietor. Property of FCJ. Copyright FCJ.

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51760-ABBCCDDEF-- Note: ③		
SEE NOTE 1		

DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)
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: 100µ"/2.54µm SnPb ON PCB INTERFACE  
ADD THIS SUFFIX: 78µ"/2.00µm Sn OR 5µ" 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

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.
- ⑬. FOR PRESS-FIT CONNECTORS USE FCJ 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.
- ⑬. 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.
- 18. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZING THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.
- 19. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

- ②. HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY
- ③. PLATING OPTION:  
Δ 1: SEE IN PRINT 10064183 FOR PLATING SPEC OF 51760-ABBCCDDEF; 51760-ABBCCDDEF LF
- 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 / -0.25] 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 •

THIS FILE WAS ORIGINALLY CREATED IN THE PRO ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO THIS FILE MUST BE MADE IN THE PRO ENGINEER ENVIRONMENT

mat'l code		tolerances unless otherwise specified		CUSTOMER COPY		FCJ www.fcjconnect.com	
lfr	ecm no.	dr	date	linear	.XX±.01/.X±.3	projection	title
M				angles	.XXX±.005/.XX±.13	1	RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL / POWER
				dr	0 ± .2	INCH / MM	product family
				eng		1:2	PwrBlade code
				chr			213
				appd			SHEET 2 OF 3
sheet index	revision sheet						

form no. 7530-001-I03

1 | 2

3 |

code 22526

4

PDM: Rev:M

STATUS: Released

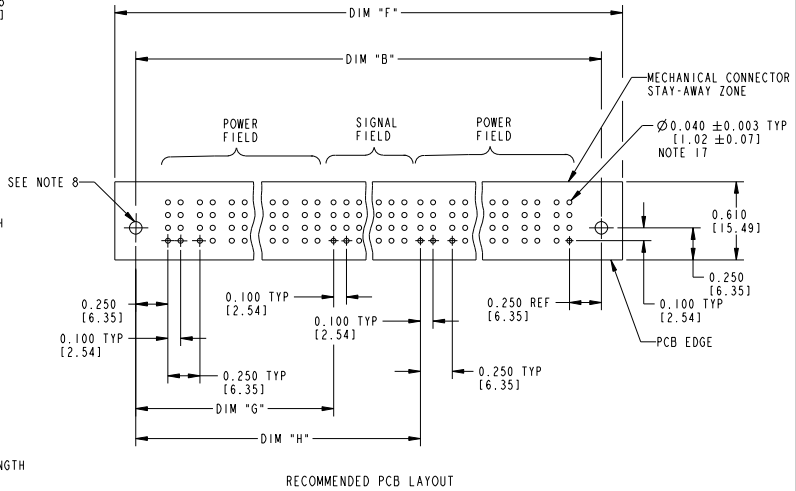
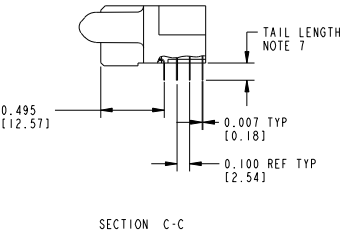
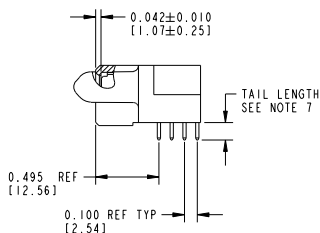
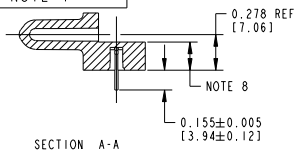
Printed: Dec 20, 2010

Tous droits strictement réservés. Reproduction ou communication à des tiers sans autorisation écrite du propriétaire. Property of FCJ. Droit de reproduction FCJ.



All rights strictly reserved. Reproduction or issue to third parties in any form or by any means without written authority from the proprietor. Property of FCJ. Copyright FCJ.

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



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCJ www.fcjconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection		title	
M				angles	.XXX±.005/.XX±.13	1		RIGHT ANGLE RECEPTACLE w/GUIDE PIN	
					.XXX±.0020/.XX±.051	INCH / MM		POWER / SIGNAL / POWER	
				dr	D. BOGLE 05-18-99	A		product family	
				eng	J. BROWN 05-18-99	scale		PwrBlode	
				chr	J. BROWN 05-18-99	1:1		code	
				appd	J. BROWN 05-18-99			213	
sheet index	revision sheet							SHEET 3 OF 3	

form no. 7530-001-103

cage code 22526

PDM: Rev:M

STATUS:Released

Printed: Dec 20, 2010