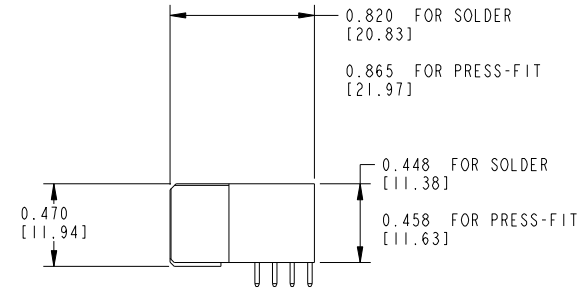
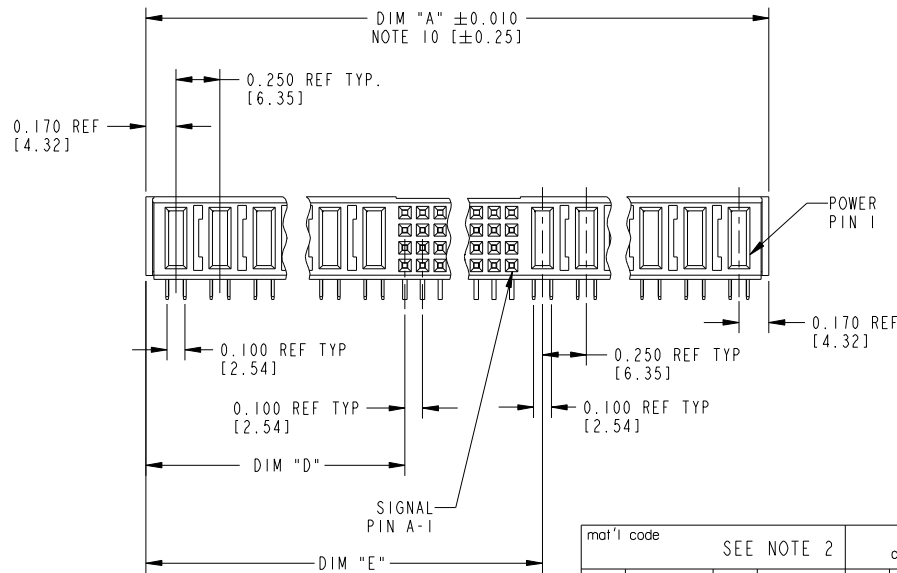
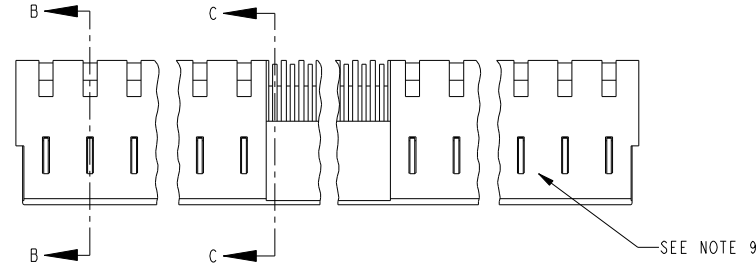


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

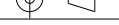


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51764- ABBCCDDDE0..
SEE NOTE 1



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 COPY				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection		title	RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL / POWER			
J	D606-0177	RYAN	05/08/06		.XXX±.005/.XX±.13								
K	D607-0012	Julia	01-11-07		.XXX±.0020/.XXX±.051								
L	D608-0239	JC	09/11/08	angles	0°±2°			product family	size	dwg no	PWRBLADE	code	
F	V02389	JRW	10-05-00	enr	D608LE	05-18-99							
G	V21512	TAB	10-04-02	chr	J. BROWN	05-18-99							
H	V03-0769	TAB	07-17-03	appd	J. BROWN	05-18-99	scale	1:1	A	51764		213	
sheet index		revision sheet		L	L	L							
				1	2	3							

form no. 7530-001-103

cage code 22526

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51764- ABBCCDDE0_	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .090 [2.29] (NOTE 10)
SEE NOTE 1	DIM "D"	.250 [6.35] x DD + .095 [2.41]
	DIM "E"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .170 [4.32]
	DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .120 [3.05]
	DIM "G"	.250 [6.35] x DD - .025 [0.64]
	DIM "H"	.250 [6.35] x DD + .100 [2.54] x (CCC/4)

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51764 - A BB CCC DD E 0 LF
- WITH THIS SUFFIX: Sn OR Au PLATING AT PCB INTERFACE
W/O THIS SUFFIX: SnPb PLATING AT PCB INTERFACE
ALWAYS '0' (ZERO) (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 = SEE PRINT 10064183 FOR PLATING SPEC OF 51764-IBBCCDDE0; 51764-IBBCCDDE0LF

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

- ⑦ TAIL OPTIONS:
A = .135 ±.01 [3.43 ±0.25] SOLDER TO BOARD
B = .090 +.005 / -.010 [2.29 +0.13 / -.25]
SOLDER TO BOARD
C = .154 ±.010 [3.91 ±0.25] PRESS-FIT TO BOARD

- ⑧ BOARD RETENTION: NOT AVAILABLE WITH GUIDELESS ENDS

- 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±08] HOLE.

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

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 COPY		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01 / .X±.3	.XXX±.005 / .XX±.13	.XXX±.0020 / .XX±.051	projection		title	RIGHT ANGLE RECEPTACLE w/o GUIDE PIN POWER / SIGNAL / POWER	product family	PWRBLADE
L													
				angles	0° ± 2°	D80GLE	05-18-99	INCH / MM		size	dwg no	51764	code
				enrg	J. BROWN	05-18-99		scale	1:2	A			213
				chr	J. BROWN	05-18-99							
				appd	J. BROWN	05-18-99							SHEET 2 OF 3
sheet index	revision sheet												

form no. 7530-001-103

1 2

3

cage code 22526

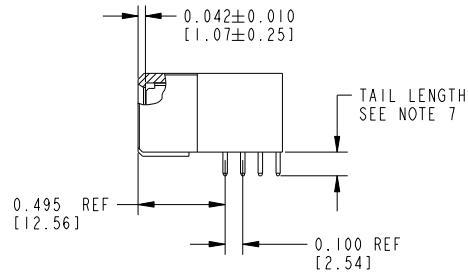
4

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

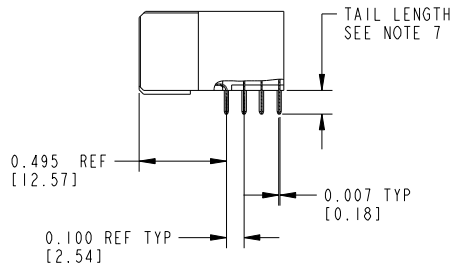


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

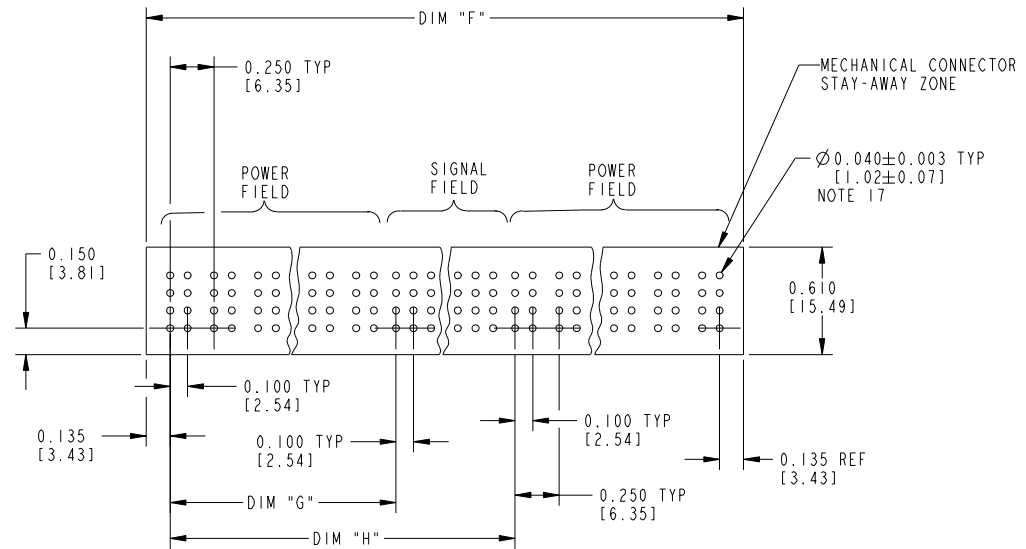
PRODUCT NUMBER
51764- ABBCCCDDE0_..
SEE NOTE 1



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
litr	ecr no.	dr	date	linear		.XX±.01/.X±.3		projection		title			
L						.XXX±.005/.XX±.13				RIGHT ANGLE RECEPTACLE w/o GUIDE PIN			
						.XXX±.0020/.XX±.051				POWER / SIGNAL / POWER			
				angles		0°±2°		INCH / MM		product family		PWRBLADE	code
				dr	D.BOGLE	05-18-99		scale	1:1	size	A	dwg no	213
				enr	J. BROWN	05-18-99							
				chr	J. BROWN	05-18-99							
				appd	J. BROWN	05-18-99						51764	SHEET
sheet index	revision sheet												3 OF 3

form no. 7530-001-103

cage code 22526