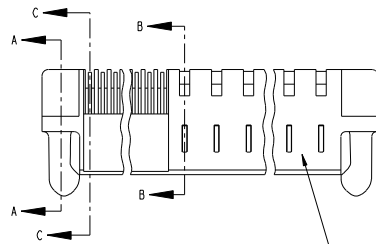


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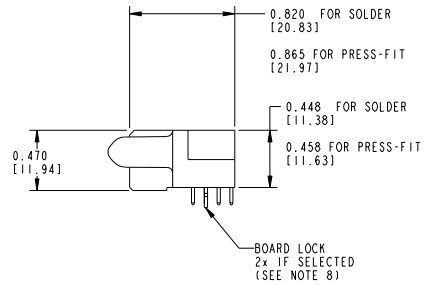
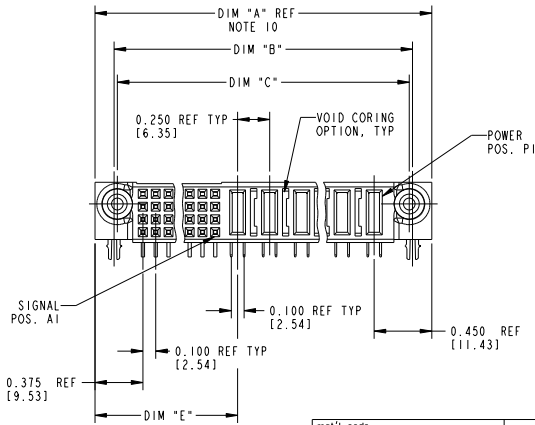


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PRODUCT NUMBER
51762- ABBCC00EF--
Note: ③
SEE NOTE 1



SEE NOTE 9



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mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2						COPY	
lir	con no.	dr	date	linear	projection	title	
J	D605-0124	SJ	06/03/05	.XX±.01/ XX±.3		RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL	
K	0008-0239	K	09/11/08	.XXX±.005/ XX±.13 .XXXX±.0020/ XXX±.051		product family PWRBLADE code 213	
				angles	INCH / MM		size
				d	A		dwg no
				eng	scale		51762
				chr	1:1		SHEET 1 OF 3
				appd			
sheet	revision	K	K	K			
index	sheet	1	2	3			

form no. 7530-001-103

cage code 22526

PDM: Rev:K

STATUS:Released

Printed: Dec 20, 2010

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

CONNECTOR NOTES

- 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 31)
 - BASE NUMBER
- HOUSING MATERIAL: GLASS FILLED V-0 HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51762-1BBCCCODEF; 51762-1BBCCCODEFL
- RIGHT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD.
020 TO 148 AVAILABLE FOR PRESS-FIT TO BOARD.
- THIS PART NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.
- 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

- 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
- MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.21]
- PRODUCT SPECIFICATION GS-12-149
- APPLICATION SPECIFICATION BUS-20-067.
- FOR PRESS-FIT CONNECTORS USE FCJ CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 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.
- SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCJ www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01 / X±.3	projection		title	RIGHT ANGLE RECEPTACLE w/GUIDE PIN POWER / SIGNAL
K				angles	.XXX±.005 / XX±.13			product family	PWRBLADE
				dr	.XXXX±.0020 / XXX±.051			size	code
				eng	0 ± .2°			dwg no	213
				chr	0° ± 2°			51762	SHEET 2 OF 3
				appd	0° ± 2°				
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sheet index	revision sheet								

form no. 7530-001-103

1 | 2

3 |

cage code 22526

4

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STATUS:Released

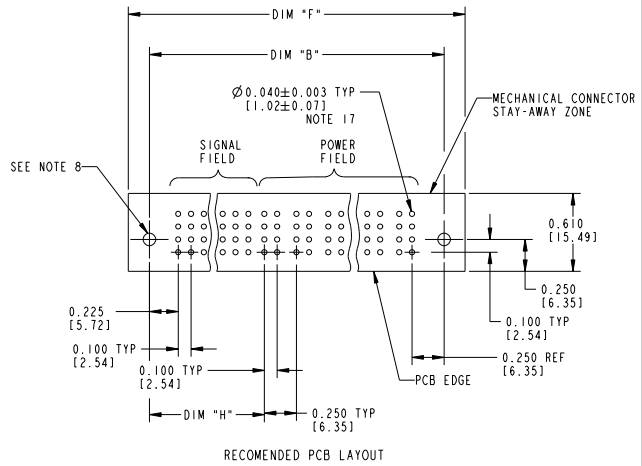
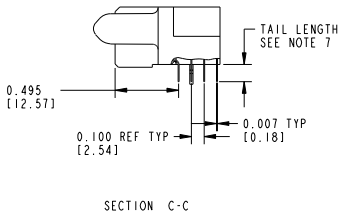
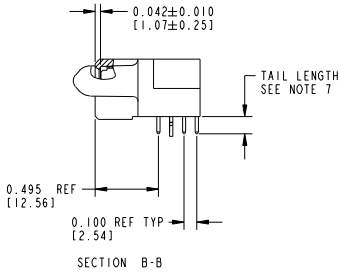
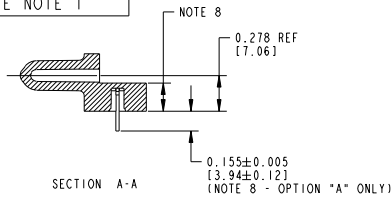
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PRODUCT NUMBER
51762-ABBCC00EF...
Note: ③
SEE NOTE 1



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
lfr	ecm no.	dr	date	linear	.XX±.01/ X±.3	projection	1	title	RIGHT ANGLE RECEPTACLE w/GUIDE PIN	product family	PWRBLADE
K				angles	.XXX±.005/ X±.13	INCH / MM	INCH	POWER / SIGNAL		code	213
				dr	.XXXX±.0020/ XXX±.051	scale	1:1	size	51762	code	3 OF 3
eng	J. BROWN	05-09-09		chr				dwg no			
appd	J. BROWN	05-09-09									
sheet index	revision sheet							cage code	22526		

form no. 7530-001-I03

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