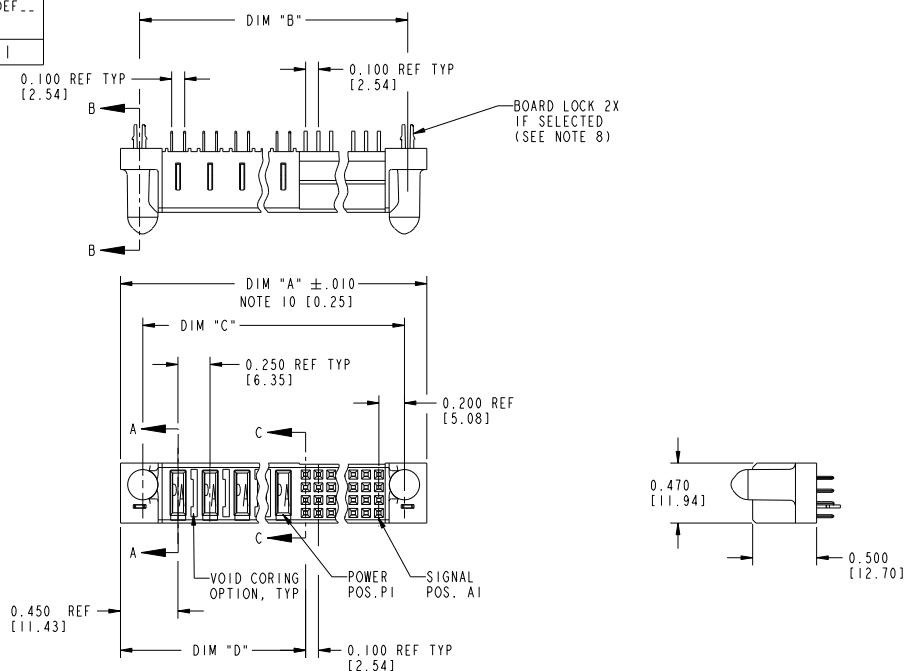


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PRODUCT NUMBER
51741-A00CCDDEF..
NOTE ①
SEE NOTE 1



mat'l code	SEE NOTE 2	tolerances unless otherwise specified	CUSTOMER	FCI
thr	ecn no.	dr	date	linear
H	D605-0076	SW	04/11/05	linear
J	D605-0153	SJ	06/09/05	linear
K	D605-0479	CS	11/18/05	linear
L	D608-0239	JC	09/11/08	linear
		dr	D. EATON	05-25-99
		engr	J. BROWN	05-24-99
		chr	J. BROWN	05-26-99
		appd	J. BROWN	05-26-99
sheet index	revision sheet	L	L	L
		1	2	3

Pro/E

3

code code

22526

4

PDM: Rev:L

STATUS:Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51741-A00CCCDDEF.. NOTE ①
SEE NOTE 1

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3 |

4

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .650 [16.51] (NOTE 10)
DIM "B"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .350 [8.89]
DIM "C"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .300 [7.62]
DIM "D"	.250 [6.35] x DD + .375 [9.53]
DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .680 [17.27]
DIM "G"	.250 [6.35] x DD + .225 [5.72]

CONNECTOR NOTES

- ①. PRODUCT NUMBER CODE:
51741 - A 00 CCC DD 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)
 NUMBER OF LEFT END POWER CONTACTS (NOTE 6)
 NUMBER OF SIGNAL CONTACTS (NOTE 5)
 ALWAYS "00" (ZERO, ZERO) (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:
 I = SEE PRINT 10064183 FOR PLATING SPEC OF 51741-100CCCDDEF; 51741-100CCCDDEFLF
- ④. THIS PART NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.
- ⑤. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- 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
 C = .135±.010 [3.43±.25] PRESS FIT

- ⑧. RETENTION TO PCB OPTIONS:
 A = BOARD LOCK (REQUIRES .098 + .002, -.001 [2.49 +0.05, -0.03] THRU HOLE IN PCB)
 BOARD LOCK TO BE USED IN CONJUNCTION WITH AN .092 PCB OR THICKER.
 C = NO RETENTION FEATURE (ALL 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. REFERENCE 51698 FOR SPECIALS WORKSHEET.
- PCB NOTES:
13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
 14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]
 15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 16. 0.0453±.001 [1.151±.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.
 17. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2	tolerances unless otherwise specified	CUSTOMER	FCI
lfr	ecr no.	dr	date			COPY	www.fciconnect.com
L				linear	.XX±.01/0.X±0.3	projection	title
					.XXX±.005/0.XX±0.13		VERTICAL RECEPTACLE W/ GUIDE PIN
				angles	.XXX±.0020/0.XXX±.051		SIGNAL / POWER
					0°±2°		product family
				dr	D. EATON 05-25-99	INCH/MM	PWRBLADE
				engr	J. BROWN 05-24-99	scale	code
				chr	J. BROWN 05-26-99	1:1	213
				appd	J. BROWN 05-26-99		sheet
sheet index	revision sheet						2

1 | 2

3 |

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Pro/E

cage code 22526

PDM: Rev:L

STATUS:Released

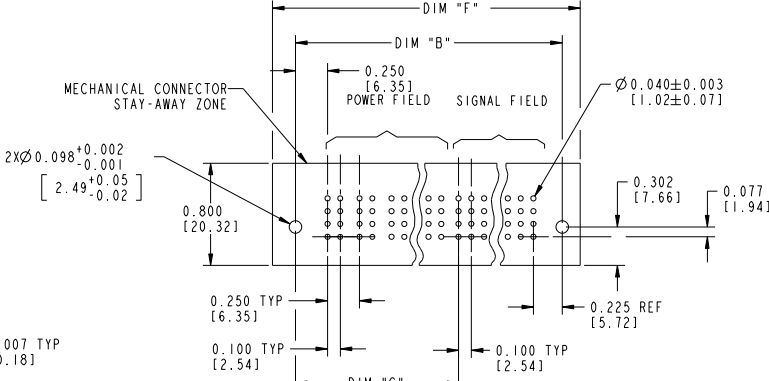
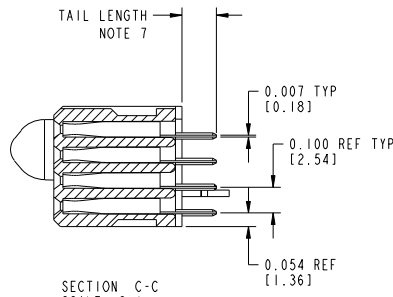
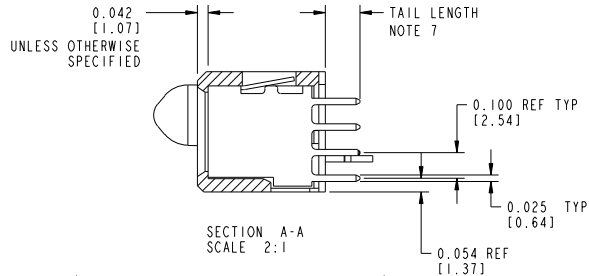
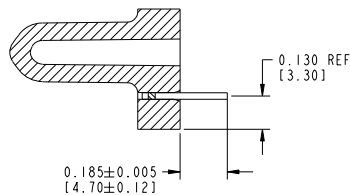
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PRODUCT NUMBER
51741-A00CCDDEF..
NOTE ①
SEE NOTE 1



SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	www.fciconnect.com
L				linear	.XXX±.005/0.XX±0.13	projection		VERTICAL RECEPTACLE W/ GUIDE PIN	
				angles	.XXX±.002/0.XXX±.051	projection		SIGNAL / POWER	
				dr	D. EATON 05-25-99	projection		product family	PWRBLADE
				engr	J. BROWN 05-24-99	projection		size	213
				chr	J. BROWN 05-26-99	projection		dwg no	51741
				appd	J. BROWN 05-26-99	projection		scale	1:1
sheet index	revision sheet								

Pro/E	3	code code	22526	4
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