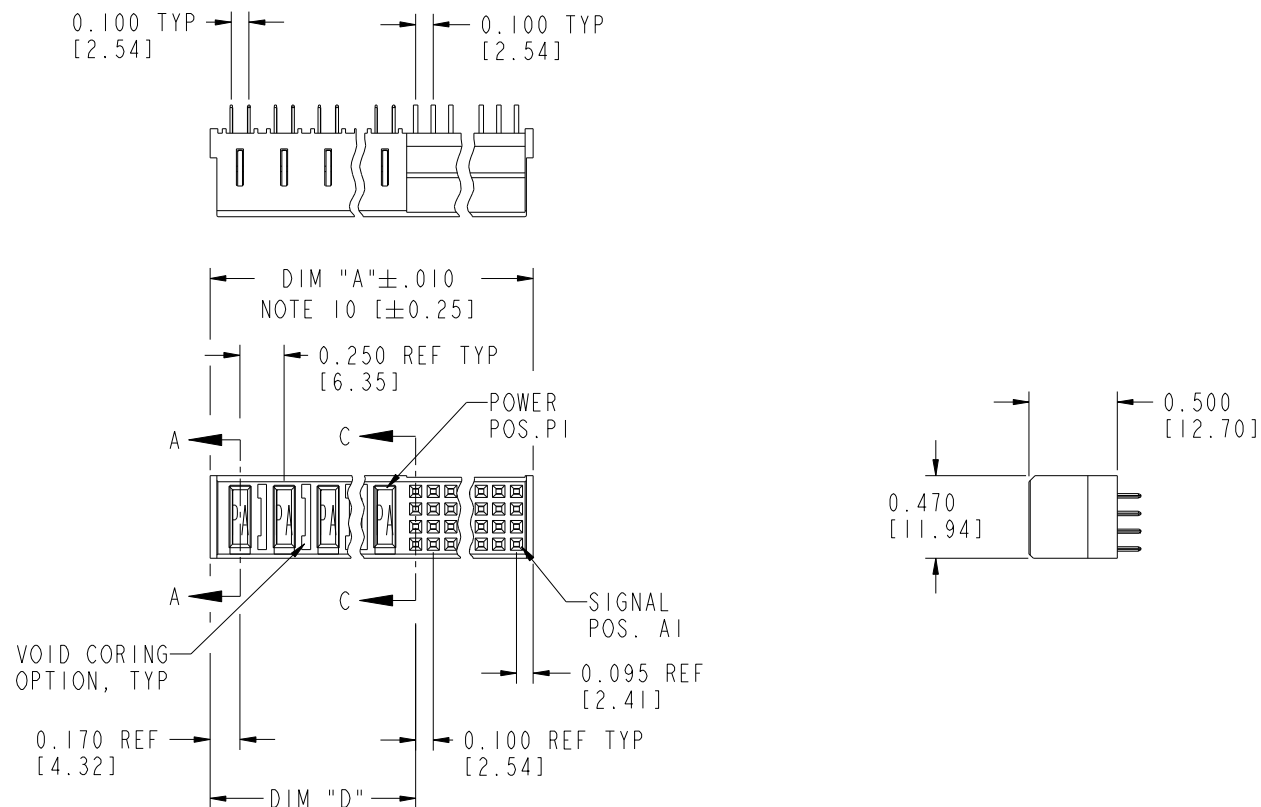


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



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
51745-A00CCDDE0..
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	VERTICAL RECEPTACLE w/o GUIDE PIN SIGNAL / POWER
H	DG05-0471	CS	11/16/05				.XXX±.005/0.XX±0.13					product family	PwrBlade
J	DG08-0239	JC	09/11/08			angles	.XXX±.0020/.XX±.051					size	dwg no
							0° ± 2°					scale	51745
						dr	D. EATON 05-25-99					sheet	213
						enr	J. BROWN 05-24-99					1 OF 3	
						chr	J. BROWN 05-25-99						
						appd	J. BROWN 05-25-99						
sheet index	revision sheet	J	J	J									
		1	2	3									

Pro/E

cage code 22526



PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51745-A00CCCDDE0_	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .090 [2.29] (NOTE 10)
SEE NOTE 1	DIM "D"	.250 [6.35] x DD + .095 [2.41]
	DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .120 [3.05]
	DIM "G"	.250 [6.35] x DD - .025 [0.64]

CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51745 - A 00 CCC DD E 0 LF
 NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
 ADD THIS SUFFIX: 78u"/2.00um Sn ON 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)
 ALWAYS '00' (ZERO, ZERO) (NOTE 4)
 PLATING (NOTE 3)
 BASE NUMBER
- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
 SIGNAL CONTACT MATERIAL: COPPER ALLOY
 POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
 I = SEE PRINT 10064183 FOR PLATING SPEC OF 51745-100CCCDDE0; 51745-100CCCDDE0LF
- RIGHT END POWER CONTACT, 01 TO 20 AVAILABLE.
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- THIS PART NOT AVAILABLE WITH RIGHTSIDE POWER CONTACTS.
- TAIL OPTIONS:
 A = .135±.010 [3.43±.25] SOLDER TO BOARD
 C = .135±.010 [3.43±.25] PRESS FIT

- BOARD RETENTION NOT AVAILABLE WITH GUIDELESS ENDS.
- 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 [203.2].
- PRODUCT SPECIFICATION GS-12-149.
- REFERENCE 51698 FOR SPECIALS WORKSHEET.

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 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.
- A 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		FCI	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
J				angles	.XXX±.005/0.XX±0.13	projection		title	
				dr	.XXX±.0020/.XX±.051			VERTICAL RECEPTACLE w/o GUIDE PIN SIGNAL / POWER	
				enrg	0°±2°	INCH/MM		product family	
				chr	D. EATON 05-25-99	scale		PwrBlade	
				appd	PROD.ENG: I DATE.ENG: I	1:1		size	
					J. BROWN 05-25-99			dwg no	
					J. BROWN 05-25-99			51745	
sheet index	revision sheet							code	
								213	
								sheet	
								2	

1 | 2

Pro/E

3 |

cage code 22526

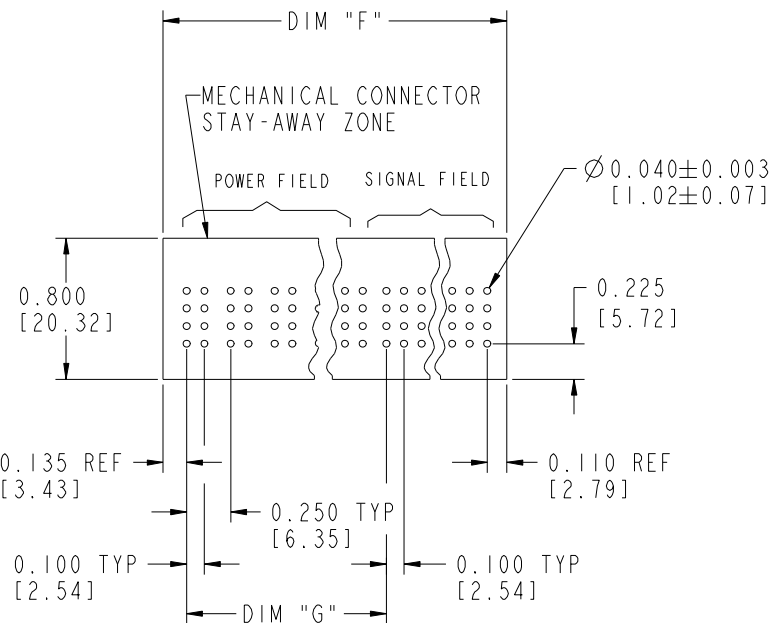
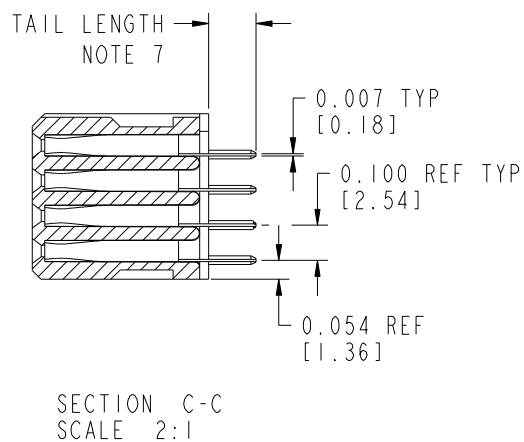
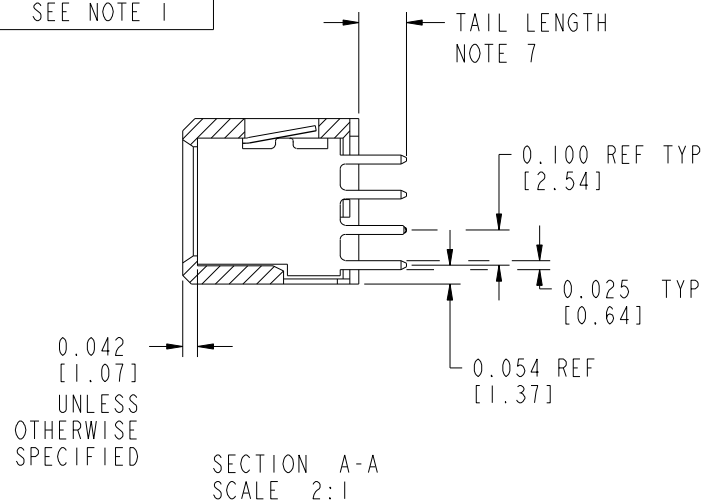
4

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
51745-A00CCCDDE0..
SEE NOTE 1



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/.0.X±0.3	COPY		title		VERTICAL RECEPTACLE w/o GUIDE PIN SIGNAL / POWER	
J					.XXX±.005/.0.XX±0.13	projection		product family		PwrBlade	
				angles	.XXX±.0020/.XX±.051	INCH/MM		size		213	
				dr	0°±2°	scale		dwg no		sheet	
				enr	D. EATON 05-25-99	1:1		51745		3	
				chr	J. BROWN 05-24-99						
				appd	J. BROWN 05-25-99						
sheet index	revision sheet										

Pro/E

cage code 22526

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51745-10002406A0LF](#) [51745-10002006A0LF](#) [51745-10014804A0LF](#)