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Technical drawing of a component with dimensions 0.470 [11.94] and 0.500 [12.70].

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr		ecn no.		dr		date		linear .XX±.010/.XX±.0.13 .XXX±.005/0.XX±.0.13 .XXX±.0020/.XX±.051 angles 0°±2°		COPY		 projection  INCH / MM scale 1 : 1		title				VERTICAL RECEPTACLE w/o GUIDE PIN SIGNAL / POWER			
H		DG05-0471		CS		11/16/05				product family				PwrBlade		code					
J		DG08-0239		JC		09/11/08				size				dwg no		213					
										A				51745		sheet					
																1 OF 1					
sheet index		revision		J		J															
		sheet		1		2															

coge code	22526
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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

1. 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

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 51745-100CCCDDE0; 51745-100CCCDDE0LF

4. RIGHT END POWER CONTACT, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

6. THIS PART NOT AVAILABLE WITH RIGHTSIDE POWER CONTACTS.

7. TAIL OPTIONS:
A = .135±.010 [3.43±.25] SOLDER TO BOARD
C = .135±.010 [3.43±.25] PRESS FIT

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. 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 ΔSYMBOL 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	
ltr	ecn no.	dr	date	linear	angles	dr	enrg	chr	appd	projection	title
J											VERTICAL RECEPTACLE w/o GUIDE PIN SIGNAL / POWER
											product family PwrBlade code
											size dwg no 213 sheet 2
											51745
											scale 1:1
											code code 22526

