Connectors and Sockets



DESCRIPTION

DATEL's 4320-01069-0 six position connector housings and 4400-01032-0 crimp terminals provide a secure method for making input/output connections to all panel mounted 12-pin DMS series meters. These connectors are ideal for use in low-volume prototype applications. Two connector housings and 12 terminals are required for each meter.

6-Position Connector Housing



Crimp Terminals



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Dimensions: in. (mm) All dimensions are nominal

Crimp Terminal	А	В	C	D
4400-01032-0	0.042	0.08	0.08	0.06
	(1.07)	(2.0)	(2.0)	(1.5)
	E	F	G	H
	0.38	0.05	0.08	0.075
	(9.7)	(1.3)	(2.0)	(1.91)

Dimensions: in. (mm) All dimensions are nominal

Electrical Specifications			
Insulator Material:	Nylon		
Flammability Rating:	UL94V-0		
Wire Size:	22-26 AWG		
Stripping Length:	0.100" to 0.125" (2.54 to 3.17mm)		
Current Rating:	2.5A continuous		
Insulation Diameter:	0.062" (1.57mm) max.		

Crimp Terminal and Housing Installation



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DMS Accessories

Connectors and Sockets

DESCRIPTION

6-Position SIP Sockets

12-Position DIP Sockets

0.100

(2.54)



DATEL's 6-position SIP and 12-position DIP sockets provide any easy and inexpensive, low profile solution for mounting DMS series meters on printed circuit boards. These are the same rugged, long-life sockets DATEL uses in all its in-house panel meter burn-in boards. Both sockets provide excellent mechanical retention force, and in many applications they can supply all the necessary mechanical force to hold the meters in position (see DMS Application Note 16 for more information). The 6-position SIP's can be used with all 12-pin DMS meters, while the 12-position DIP's are intended for use with "-BCD" models of the DMS-40PC family.



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12-Position DIP Socket	A	В	C	D	E
4320-01072-0	0.620	0.335	0.031	0.016	0.195
	(15.7)	(8.51)	(0.79)	(0.41)	(4.95)
6-Position SIP Socket	Α	В	C	D	E
6-Position SIP Socket 4320-01074-0	A 0.620	B 0.335	C 0.031	D 0.016	E 0.098

Dimensions: in. (mm) All dimensions are nominal

Meter and Socket Installation



Electrical Specifications			
Insulator Material:	Black liquid crystal polymer		
Flammability Rating:	UL94V-0		
Operating Temperature:	-65 to +105°C		
Contact & Tail Plating:	Matte Tin		
PC-board Hole Diameter:	0.037 (0.94) to 0.043 (1.09)		
Contact Material:	Phosphor Bronze		
Current Rating:	3A continuous		
Withdrawal Force:	5 oz. (1.39N) avg./position with 0.025 (0.64) pin		

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C

В

0.100

(2.54)

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