

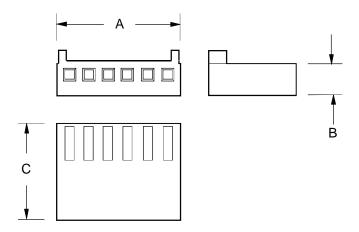
# **DMS Accessories**

**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



Connector Housing	A	В	C
4320-01069-0	0.62	0.19	0.50
	(15.7)	(4.8)	(12.7)

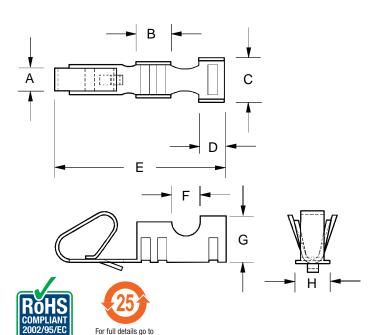
Dimensions: in. (mm) All dimensions are nominal

Crimp Terminal	A	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	Н
	E 0.38	<b>F</b> 0.05	<b>G</b> 0.08	<b>H</b> 0.075

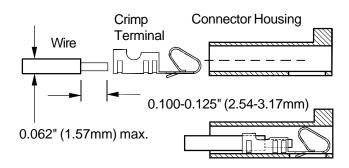
Dimensions: in. (mm) All dimensions are nominal

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 Terminals**



### Crimp Terminal and Housing Installation





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## **DMS Accessories**

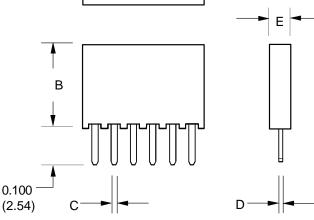
### **Connectors and Sockets**

### **DESCRIPTION**

6-Position SIP Sockets



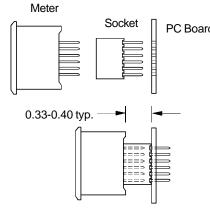
DATEL's 6-position SIP and 12-position DIP sockets provide any easy and inexpensive, low profile solution for mounting DMS series meters on printed circuit boards. These are the same rugged, longlife sockets DATEL uses in all its in-house panel meter burn-in boards. Both sockets provide excellent mechanical 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.



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	A	В	C	D	E
4320-01074-0	0.620	0.335	0.031	0.016	0.098

Dimensions: in. (mm) All dimensions are nominal

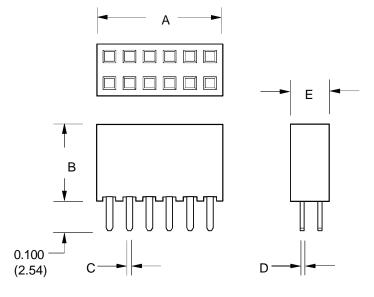
#### Meter and Socket Installation



Meter		
	Socket	PC Board
0.33-0.40 typ.		

Black liquid crystal polymer
UL94V-0
−65 to +105°C
Matte Tin
0.037 (0.94) to 0.043 (1.09)
Phosphor Bronze
3A continuous
5 oz. (1.39N) avg./position with 0.025 (0.64) pin
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### 12-Position DIP Sockets



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