

# MATERIALS & SPECIFICATIONS

## INSULATOR:

POLYPHENYLENE SULFIDE  
(PPS) PER MIL-M-24519,  
TYPE GST 40F.

## CONTACT:

COPPER ALLOY PER MIL-  
DTL-83513, GOLD PLATED  
PER ASTM B488, (HARD  
GOLD) TYPE II CODE C  
CLASS 1.27.

## TERMINATION:

26 AWG (7-34) TYPE E,  
PER NEMA HP3, COLOR  
CODED PER TABLE.

## LATCH:

BERYLLIUM COPPER PER  
ASTM B194 NICKEL PLATE  
PER SAE-AMS-2404.

## CURRENT CAPACITY:

3 AMP MAX.

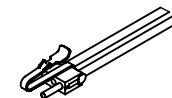
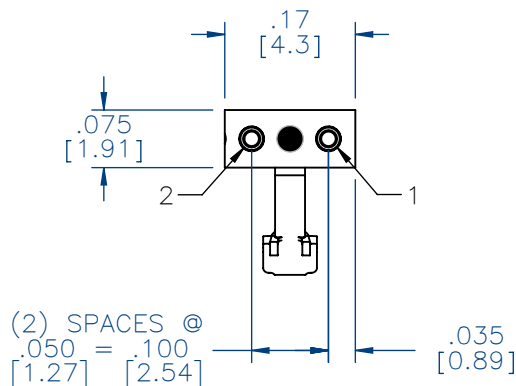
## CONTACT RESISTANCE:

26 MILLIOHMS (65mV) MAX  
@ 2.5 AMPS.

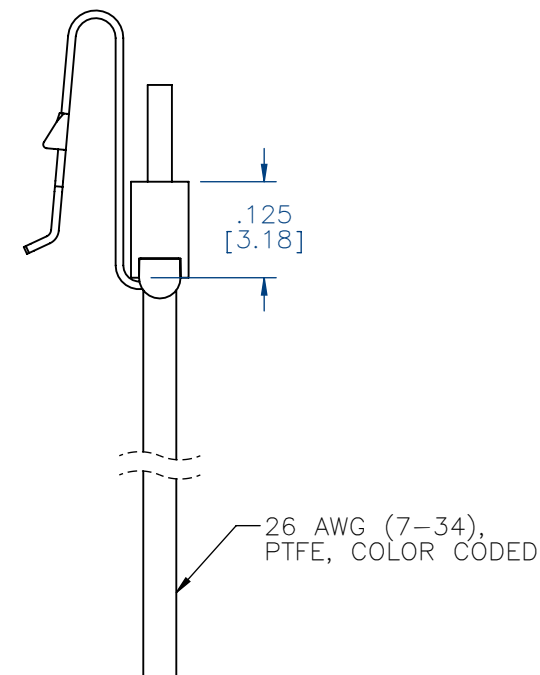
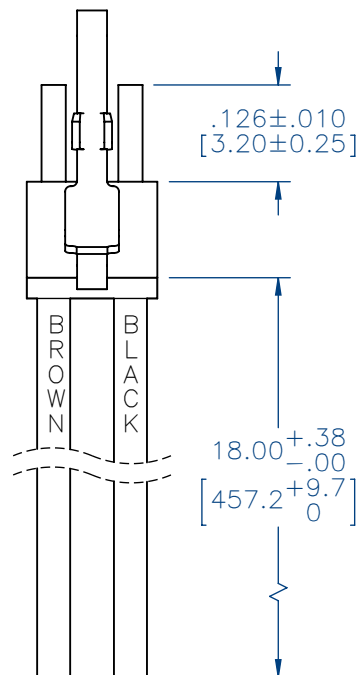
## PERFORMANCE:

PRODUCT FAMILY TESTED  
TO AND PASSED THE  
PERFORMANCE  
SPECIFICATIONS OF TABLE  
VII OF MIL-DTL-83513.

| SOCKET # | COLOR |
|----------|-------|
| 1        | BLACK |
| 2        | BROWN |



ACTUAL SIZE  
EXCLUDING  
WIRE LENGTH



## NOTE:

DIMENSIONS IN [ ] ARE IN  
MILLIMETERS UNLESS  
OTHERWISE NOTED AND ARE  
FOR REFERENCE ONLY

|      |                        |        |                                                                                     |
|------|------------------------|--------|-------------------------------------------------------------------------------------|
| SSB  | THIRD ANGLE            |        |  |
|      | —TOLERANCES—           |        |                                                                                     |
|      | UNLESS OTHERWISE NOTED |        |                                                                                     |
|      | DIMENSIONS IN INCHES   |        |                                                                                     |
|      |                        |        |                                                                                     |
| SLDW | 2                      | PL DEC | + .01                                                                               |
|      | 3                      | PL DEC | + .005                                                                              |
|      | 4                      | PL DEC | + .0005                                                                             |
|      | ANGLES                 |        | + 1°                                                                                |

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|           |                  |                                  |
|-----------|------------------|----------------------------------|
| DFTM. PER | DATE<br>08-28-02 | TITLE:                           |
| CHK'D.    | DATE             | (2) SOCKET FEMALE                |
| APP'D.    | DATE             | SINGLE ROW CONNECTOR<br>W/ LATCH |

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|              |            |
|--------------|------------|
| CAGE CODE    | 61873      |
| DWG NO.      | A25000-002 |
| SHEET 1 OF 1 | REV<br>E   |
| SCALE: 4:1   |            |