

## DC POWER PLUGS

### MINIATURE 2.1mm POWER PLUGS

#### Features and Benefits

- Part of Switchcraft's 2-Conductor Power Plug Family
- Industry standard 2.1mm configuration
- For added security in critical applications, an optional locking ring is available
- Molded plastic handles available in either black or red (other colors available)
- Sleeve terminal serves as cord clamp
- Fully compatible with Switchcraft mating power jacks (see chart on next page)
- Ideal for attaching extra-low voltage devices, such as consumer electronics equipment, to external power
- Overmold options also available - contact Switchcraft for more information

#### Applications

- Consumer Electronics
- Digital Cameras
- Power Supplies
- Digital Video Recorders
- Personal Audio Equipment
- GPS Automotive Navigation Systems

#### Product Specifications

**Plug Sleeve and Pin:** Nickel-Plated Copper Alloy

**Lock-Ring:** Nickel-Plated Copper Alloy

**Lock-Ring Thread Size:** 5/16 - 32 UNEF 2B

**Finger Insulator:** Molded Plastic

**Insulating Washers:** Rigid Plastic

**Sleeve Terminal:** Electro-Tinned Copper Alloy

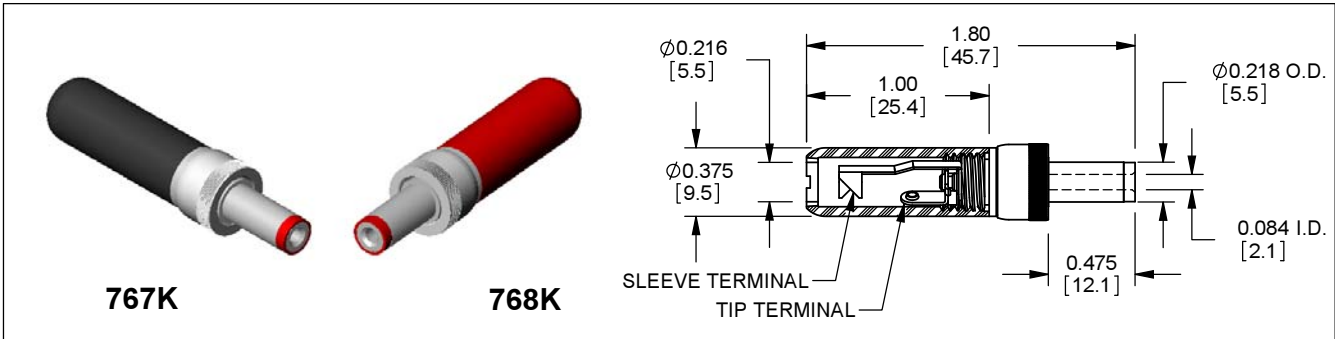
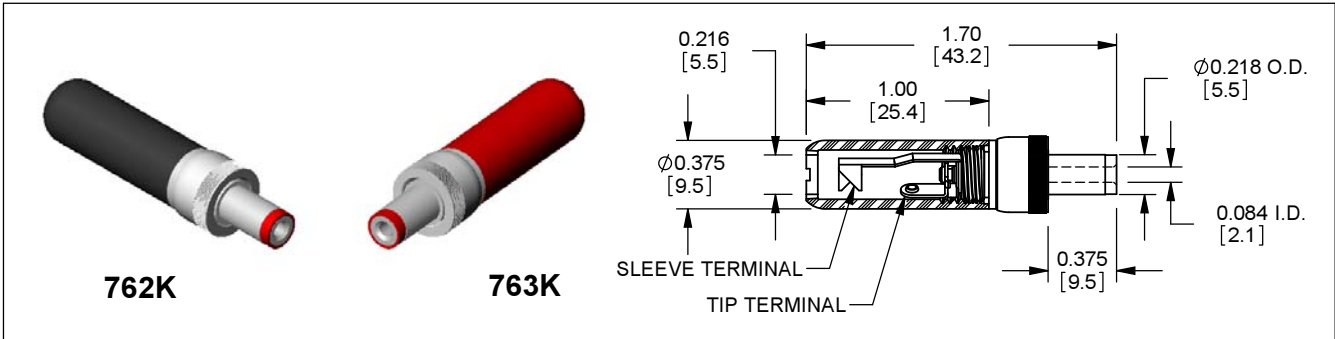
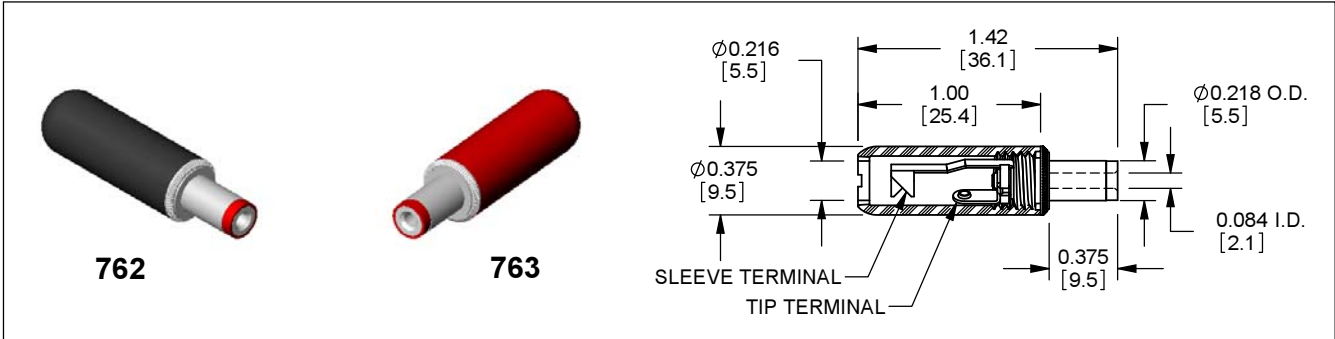
**Handle:** Molded Plastic

**Handle Thread Size:** 5/16 - 24 UNF 2B

**Electrical:** Carry Current - 5 Amps



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PART NUMBERING and MATING CHART (Power Plugs/Power Jacks)

| Part Number | Inside Diameter | Outside Diameter | Length "L1" | Length "L2" | Locking Feature | Tip Insulator | Handle Color | Handle Part Number | Mating Power Jacks                                                               |
|-------------|-----------------|------------------|-------------|-------------|-----------------|---------------|--------------|--------------------|----------------------------------------------------------------------------------|
| 762         | 0.084"          | 0.218"           | 0.375"      | 1.42"       | No              | Red           | Black        | M1055              | Any 2.1 mm solid or split pin Jack and Switchcraft® Jacks<br>722A, 722RA, PC722A |
| 763         | 0.084"          | 0.218"           | 0.375"      | 1.42"       | No              | Red           | Red          | M1056              |                                                                                  |
| 762K        | 0.084"          | 0.218"           | 0.375"      | 1.7"        | Yes             | Red           | Black        | M1055              | Only with Switchcraft® Jacks<br>722A, 722RA, PC722A                              |
| 763K        | 0.084"          | 0.218"           | 0.375"      | 1.7"        | Yes             | Red           | Red          | M1056              |                                                                                  |
| 767K        | 0.084"          | 0.218"           | 0.475"      | 1.8"        | Yes             | Red           | Black        | M1055              | Only with Switchcraft® Jacks<br>L722A, L722RA, PCL722A                           |
| 768K        | 0.084"          | 0.218"           | 0.475"      | 1.8"        | Yes             | Red           | Red          | M1056              |                                                                                  |

# Mouser Electronics

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