

# SPECIFICATIONS MINI-LINE STYLE I SOOW PLUGS (2-5 POLE)

- Male and Female Plugs
- 16 AWG Cable
- 600V 105°C SOOW Cable
- Straight and Right Angle Versions
- Epoxy Coated Zinc Diecast Hardware
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



## TECHNICAL DATA

### Agency Approvals

UL Recognition:

File #E169897

CSA Certification:

File #LR13963

### Electrical Data

Contact Resistance:

$\leq 5m\Omega$

Current Rating:

See chart with part number detail

Voltage Rating:

600 VAC / 600 VDC

Dielectric Withstand Voltage:

2200 VAC

### Environmental Data

Protection:

NEMA 1, 3, 4, 6P and 13; IEC IP 68

Temperature Range:

-50°C to +105°C

Corrosion Resistance:

1000 hr. salt spray per MIL-STD-202F

High Pressure Water Test:

1200 PSI spray

### Material Data

Body:

Yellow, 90A durometer, flame resistant PVC

Cable:

Yellow, SOOW

Contacts:

Machined Brass per ASTM B-16

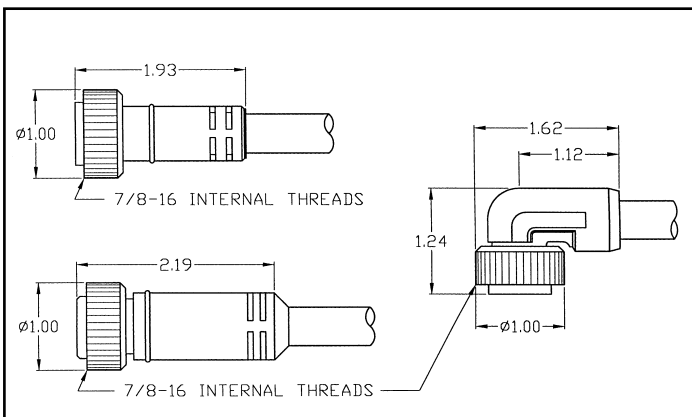
Female Contact Plating:

30 micro-inches of 24 karat Gold over 50 micro-inches of Nickel

Coupling Nut:

Diecast Zamak 5 with black epoxy coat

## DIMENSIONS



## MINI-LINE SOOW FEMALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3S	5000108-11S
					6'	5000108-4S	5000108-12S
					12'	5000108-5S	5000108-13S
					15'	5000108-110S	5000108-4036S
					20'	5000108-61S	5000108-4037S
					25'	5000108-4035S	5000108-4038S
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-3S	5000109-11S
					6'	5000109-4S	5000109-12S
					12'	5000109-5S	5000109-13S
					15'	5000109-42S	5000109-4109S
					20'	5000109-308S	5000109-20S
					25'	5000109-309S	5000109-277S
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3S	5000110-11S
					6'	5000110-4S	5000110-12S
					12'	5000110-5S	5000110-13S
					15'	5000110-4027S	5000110-4088S
					20'	5000110-19S	5000110-20S
					25'	5000110-624S	5000110-4073S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-3S	5000111-11S
					6'	5000111-4S	5000111-12S
					12'	5000111-5S	5000111-13S
					15'	5000111-4093S	5000111-4049S
					20'	5000111-19S	5000111-20S
					25'	5000111-4118S	5000111-4117S
30'	5000111-4010S	5000111-4089S					

## MINI-LINE SOOW MALE PLUG WITH EPOXY COATED ZINC DIECAST COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6S	5000108-14S
					6'	5000108-7S	5000108-15S
					12'	5000108-8S	5000108-16S
					15'	5000108-4040S	5000108-4043S
					20'	5000108-4041S	5000108-4044S
					25'	5000108-101S	5000108-4045S
3		1. Green 2. Red-Black 3. Red-White	600V, 13A	16	3'	5000109-6S	5000109-14S
					6'	5000109-7S	5000109-15S
					12'	5000109-8S	5000109-16S
					15'	5000109-4204S	5000109-4205S
					20'	5000109-4039S	5000109-4112S
					25'	5000109-276S	5000109-4113S
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6S	5000110-14S
					6'	5000110-7S	5000110-15S
					12'	5000110-8S	5000110-16S
					15'	5000110-4012S	5000110-4091S
					20'	5000110-4024S	5000110-4092S
					25'	5000110-4090S	5000110-4093S
5		1. Red-White 2. Red-Blue 3. Green 4. Red-Orange 5. Red-Black	600V, 8A	16	3'	5000111-6S	5000111-14S
					6'	5000111-7S	5000111-15S
					12'	5000111-8S	5000111-16S
					15'	5000111-4194S	5000111-4195S
					20'	5000111-4112S	5000111-4135S
					25'	5000111-4067S	5000111-4115S
30'	5000111-4014S	5000111-4196S					

Note: Special lengths available upon request — consult factory.  
Nylon and stainless steel coupling nuts available — consult factory.