

# SPECIFICATIONS MINI-LINE STYLE I STOOW PLUGS (2-6 POLE)

- Male and Female Plugs
- 16 AWG Cable (except 6 pole #18)
- 600V 105°C STOOW Cable
- Straight and Right Angle Versions
- Hardware Options Below
- Meets Current SAE #H1738-2 Specifications
- Vibration Proof Ratchet Design



## TECHNICAL DATA

### Agency Approvals

UL Recognition:  
CSA Certification:

File #E169897  
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

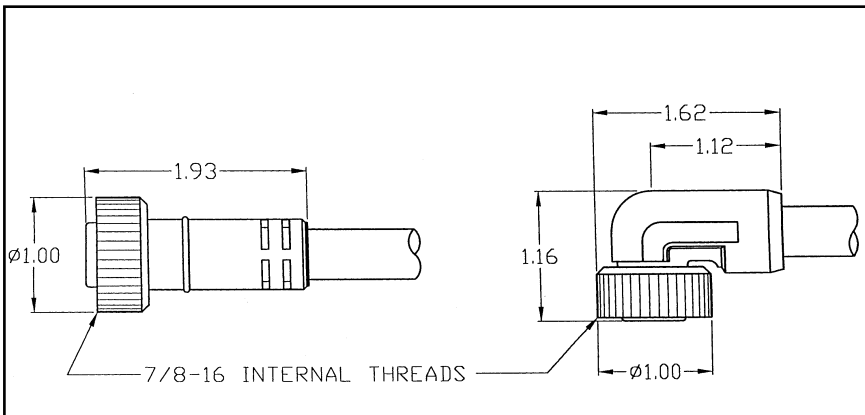
### Environmental Data

Protection: NEMA 1, 3, 4, 6P and 13; IEC IP 68  
Temperature Range:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$   
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, STOOW per UL62  
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  
Nylon 6/6 weather stabilized  
303 Stainless Steel

## DIMENSIONS



## MINI-LINE STOOW 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'	5000108-3	5000108-11
					6'	5000108-4	5000108-12
					12'	5000108-5	5000108-13
					15'	5000108-110	5000108-4036
					20'	5000108-61	5000108-4037
					25'	5000108-4035	5000108-4038
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3C	5000109-11C
					6'	5000109-4C	5000109-12C
					12'	5000109-5C	5000109-13C
					15'	5000109-42C	5000109-4109C
					20'	5000109-308C	5000109-20C
					25'	5000109-309C	5000109-277C
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3	5000110-11
					6'	5000110-4	5000110-12
					12'	5000110-5	5000110-13
					15'	5000110-38	5000110-4088
					20'	5000110-19	5000110-20
					25'	5000110-624	5000110-4073
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3C	5000111-11C
					6'	5000111-4C	5000111-12C
					12'	5000111-5C	5000111-13C
					15'	5000111-91C	5000111-4049C
					20'	5000111-19C	5000111-20C
					25'	5000111-4118C	5000111-4117C
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3	5000120-11
					6'	5000120-4	5000120-12
					12'	5000120-5	5000120-13
					15'	5000120-4052	5000120-4053
					20'	5000120-308	5000120-20
					25'	5000120-309	5000120-4021
30'	5000120-310	5000120-4022					

## MINI-LINE STOOW 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'	5000108-6	5000108-14
					6'	5000108-7	5000108-15
					12'	5000108-8	5000108-16
					15'	5000108-4040	5000108-4043
					20'	5000108-4041	5000108-4044
					25'	5000108-101	5000108-4045
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6C	5000109-14C
					6'	5000109-7C	5000109-15C
					12'	5000109-8C	5000109-16C
					15'	5000109-4204C	5000109-4205C
					20'	5000109-4039C	5000109-4112C
					25'	5000109-276C	5000109-4113C
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6	5000110-14
					6'	5000110-7	5000110-15
					12'	5000110-8	5000110-16
					15'	5000110-4012	5000110-4091
					20'	5000110-4024	5000110-4092
					25'	5000110-4090	5000110-4093
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6C	5000111-14C
					6'	5000111-7C	5000111-15C
					12'	5000111-8C	5000111-16C
					15'	5000111-4194C	5000111-4195C
					20'	5000111-4112C	5000111-4135C
					25'	5000111-4067C	5000111-4115C
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6	5000120-14
					6'	5000120-7	5000120-15
					12'	5000120-8	5000120-16
					15'	5000120-4040	5000120-4056
					20'	5000120-4054	5000120-4057
					25'	5000120-4055	5000120-4058
30'	5000120-4029	5000120-4059					

\*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.



# MINI-LINE STOOV FEMALE PLUG WITH NYLON COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3N	5000108-11N
					6'	5000108-4N	5000108-12N
					12'	5000108-5N	5000108-13N
					15'	5000108-110N	5000108-4036N
					20'	5000108-61N	5000108-4037N
					25'	5000108-4035N	5000108-4038N
3		1. Green 2. Black 3. White	600V, 13A	16	30'	5000108-63N	5000108-4039N
					3'	5000109-3CN	5000109-11CN
					6'	5000109-4CN	5000109-12CN
					12'	5000109-5CN	5000109-13CN
					15'	5000109-42CN	5000109-4109CN
					20'	5000109-308CN	5000109-20CN
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	25'	5000109-309CN	5000109-277CN
					30'	5000109-310CN	5000109-4203CN
					3'	5000110-3N	5000110-11N
					6'	5000110-4N	5000110-12N
					12'	5000110-5N	5000110-13N
					15'	5000110-4027N	5000110-4088N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	20'	5000110-19N	5000110-20N
					25'	5000110-624N	5000110-4073N
					30'	5000110-310N	5000110-4089N
					3'	5000111-3CN	5000111-11CN
					6'	5000111-4CN	5000111-12CN
					12'	5000111-5CN	5000111-13CN
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	15'	5000111-4093CN	5000111-4049CN
					20'	5000111-19CN	5000111-20CN
					25'	5000111-4118CN	5000111-4117CN
					30'	5000111-4015CN	5000111-4111CN
					3'	5000120-3N	5000120-11N
					6'	5000120-4N	5000120-12N
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	12'	5000120-5N	5000120-13N
					15'	5000120-4052N	5000120-4053N
					20'	5000120-308N	5000120-20N
					25'	5000120-309N	5000120-4021N
					30'	5000120-310N	5000120-4022N

# MINI-LINE STOOV MALE PLUG WITH NYLON COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6N	5000108-14N
					6'	5000108-7N	5000108-15N
					12'	5000108-8N	5000108-16N
					15'	5000108-4040N	5000108-4043N
					20'	5000108-4041N	5000108-4044N
					25'	5000108-101N	5000108-4045N
3		1. Green 2. Black 3. White	600V, 13A	16	30'	5000108-4042N	5000108-4046N
					3'	5000109-6CN	5000109-14CN
					6'	5000109-7CN	5000109-15CN
					12'	5000109-8CN	5000109-16CN
					15'	5000109-4204CN	5000109-4205CN
					20'	5000109-4039CN	5000109-4112CN
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	25'	5000109-276CN	5000109-4113CN
					30'	5000109-4010CN	5000109-4114CN
					3'	5000110-6N	5000110-14N
					6'	5000110-7N	5000110-15N
					12'	5000110-8N	5000110-16N
					15'	5000110-4012N	5000110-4091N
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	20'	5000110-4024N	5000110-4092N
					25'	5000110-4090N	5000110-4093N
					30'	5000110-162N	5000110-4094N
					3'	5000111-6CN	5000111-14CN
					6'	5000111-7CN	5000111-15CN
					12'	5000111-8CN	5000111-16CN
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	15'	5000111-4194CN	5000111-4195CN
					20'	5000111-4112CN	5000111-4135CN
					25'	5000111-4067CN	5000111-4115CN
					30'	5000111-4014CN	5000111-4196CN
					3'	5000120-6N	5000120-14N
					6'	5000120-7N	5000120-15N
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	12'	5000120-8N	5000120-16N
					15'	5000120-4040N	5000120-4056N
					20'	5000120-4054N	5000120-4057N
					25'	5000120-4055N	5000120-4058N
					30'	5000120-4029N	5000120-4059N

\*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.

# MINI-LINE STOOW FEMALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW FEMALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-3X	5000108-11X
					6'	5000108-4X	5000108-12X
					12'	5000108-5X	5000108-13X
					15'	5000108-110X	5000108-4036X
					20'	5000108-61X	5000108-4037X
					25'	5000108-4035X	5000108-4038X
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-3CX	5000109-11CX
					6'	5000109-4CX	5000109-12CX
					12'	5000109-5CX	5000109-13CX
					15'	5000109-42CX	5000109-4109CX
					20'	5000109-308CX	5000109-20CX
					25'	5000109-309CX	5000109-277CX
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-3X	5000110-11X
					6'	5000110-4X	5000110-12X
					12'	5000110-5X	5000110-13X
					15'	5000110-4027X	5000110-4088X
					20'	5000110-19X	5000110-20X
					25'	5000110-624X	5000110-4073X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-3CX	5000111-11CX
					6'	5000111-4CX	5000111-12CX
					12'	5000111-5CX	5000111-13CX
					15'	5000111-4093CX	5000111-4049CX
					20'	5000111-19CX	5000111-20CX
					25'	5000111-4118CX	5000111-4117CX
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-3X	5000120-11X
					6'	5000120-4X	5000120-12X
					12'	5000120-5X	5000120-13X
					15'	5000120-4052X	5000120-4053X
					20'	5000120-308X	5000120-20X
					25'	5000120-309X	5000120-4021X
30'	5000120-310X	5000120-4022X					

# MINI-LINE STOOW MALE PLUG WITH STAINLESS STEEL COUPLING NUT

POLES	FACE VIEW MALE	COLOR CODE	RATING	AWG	CABLE LENGTH	STRAIGHT	RIGHT ANGLE
2		1. White 2. Black	600V, 13A	16	3'	5000108-6X	5000108-14X
					6'	5000108-7X	5000108-15X
					12'	5000108-8X	5000108-16X
					15'	5000108-4040X	5000108-4043X
					20'	5000108-4041X	5000108-4044X
					25'	5000108-101X	5000108-4045X
3		1. Green 2. Black 3. White	600V, 13A	16	3'	5000109-6CX	5000109-14CX
					6'	5000109-7CX	5000109-15CX
					12'	5000109-8CX	5000109-16CX
					15'	5000109-4204CX	5000109-4205CX
					20'	5000109-4039CX	5000109-4112CX
					25'	5000109-276CX	5000109-4113CX
4		1. Black 2. White 3. Red 4. Green	600V, 10A	16	3'	5000110-6X	5000110-14X
					6'	5000110-7X	5000110-15X
					12'	5000110-8X	5000110-16X
					15'	5000110-4012X	5000110-4091X
					20'	5000110-4024X	5000110-4092X
					25'	5000110-4090X	5000110-4093X
5		1. White 2. Red 3. Green 4. Orange 5. Black	600V, 8A	16	3'	5000111-6CX	5000111-14CX
					6'	5000111-7CX	5000111-15CX
					12'	5000111-8CX	5000111-16CX
					15'	5000111-4194CX	5000111-4195CX
					20'	5000111-4112CX	5000111-4135CX
					25'	5000111-4067CX	5000111-4115CX
6		1. White 2. Red 3. Green 4. Orange 5. Black 6. Blue	600V, 6A	18*	3'	5000120-6X	5000120-14X
					6'	5000120-7X	5000120-15X
					12'	5000120-8X	5000120-16X
					15'	5000120-4040X	5000120-4056X
					20'	5000120-4054X	5000120-4057X
					25'	5000120-4055X	5000120-4058X
30'	5000120-4029X	5000120-4059X					

\*6 pole plugs use 18 gauge conductors for Style I.

Note: Special lengths available upon request — consult factory.

