

# TECHNICAL SPECIFICATION

## Technical Information

### Product

Title	NYS207
Connection Type	Plug
Gender	male

### Electrical

Dielectric strength	0.5 kVdc
Insulation resistance	$\geq 1 \text{ G}\Omega$
Contact resistance	depends on mating connector
Rated current	depends on mating connector

### Mechanical

Cable O.D.	$\leq 6 \text{ mm}$
Lifetime	1000 mating cycles
Wiresize	
Wiresize	24 AWG

### Material

Bushing	PA / PU
Contact plating	2 $\mu\text{m}$ Ni
Contacts	Brass (CuZn39Pb3)
Shell	Zinc diecast (ZnAl4Cu1) , Polyamide (PA 6 30 % GR) black
Shell plating	Nickel
Insulation	Thermoplastic
Strain relief	Crimp type SnCe plated

### Environmental

Solderability	Complies with IEC 68-2-20
Temperature range	-20 °C to +70 °C



1723 W. 4th Street Tempe Arizona 85281

P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com www.covid.com