

# 8STA series high density

## Technical specifications



## Description

- Rugged aluminium body to ensure long service life in the harshest environment
- 100% scoop proof
- Available in 6 shell sizes: 02-05; 04-06; 06-09; 08-12; 10-26; 12-43; 14-68
- Contacts #26 for AWG 24 to 30

## Technical specifications

### Mechanical

#### Shell

Aluminium alloy

#### Shell plating

Conductive black zinc  
Nickel (F)

#### Insulator

Thermoplastic

#### Grommet & seal

Liquid silicone rubber

#### Contact

Copper alloy

#### Contact plating

Gold

#### Endurance

500 mating cycles

#### Shock

300g for 3ms and EIA-364-27

#### Vibration

147m/s<sup>2</sup>, 10 to 2000Hz

### Electrical

#### Contact resistance

Size 26: 16mΩ

#### Insulation resistance

≥5000MΩ (at 500Vdc)

#### Contact rating

Size 26: 3 Amp

#### Shell continuity

≤10 mΩ

### Environmental

#### Operating temperature

-55°C to +175°C

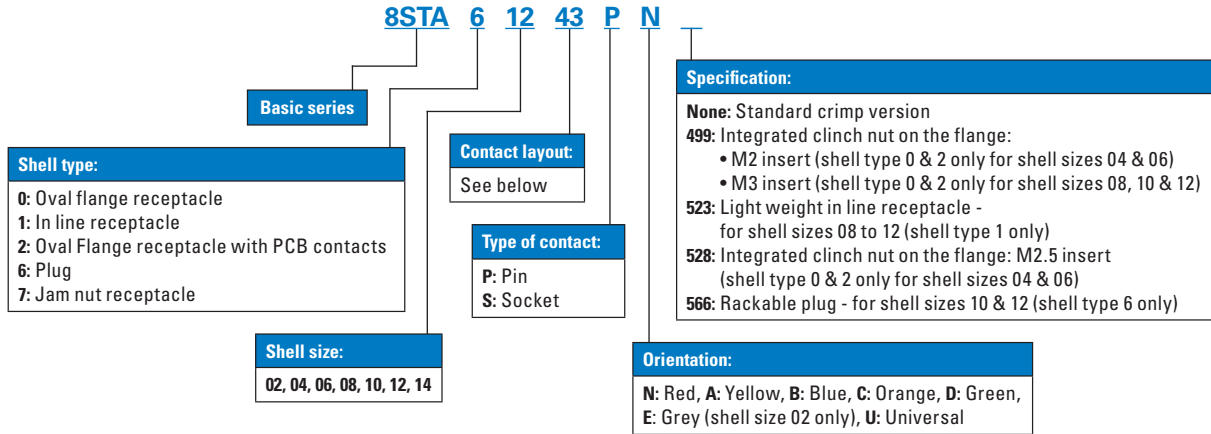
#### Sealing mated connectors

IP67 (1 meter for 30 min minimum)

#### Salt spray

48 hours

## Part numbers



## Contact layouts (viewed from front face of male insulator)

