

## TECHNICAL DATA – XX Series Black/Silver Contacts

### Electrical

Contact resistance:  $\leq 3$  m Ohm  
Insulation resistance  
- initial:  $> 2$  G Ohm  
- after damp heat test:  $> 1$  G Ohm  
Dielectric strength: 1500 V dc  
Rated current: 16 A  
AWG: 2.5 mm<sup>2</sup>/14 AWG  
Capacitance between contacts:  $\leq 4$  pF

### Mechanical

Lifetime:  $>1000$  cycles  
Insertion / withdrawal force:  $\leq 20$  N  
Cable O.D. range: 3.5 mm - 8.0 mm

### Materials

Shell: Zinc diecast ZnAl4Cu1, black Cr over Cu plating  
Insert: Polyamide PA 6.6 30% GR (glass reinforced)  
Contacts: Bronze CuSn6  
Contact surface: gal 2  $\mu$ m Ag silver  
Latch lock (female): St3K32  
Strain-relief clamp: POM  
Antikink bushing: PA + PU

### Environmental

Temperature range: -30° C to + 80° C  
Flammability: UL 94HB  
Solderability: complies with IEC 68-2-20

### Compatibility:

IEC 61076-2-103 standard & Switchcraft® QG & Cannon XLR