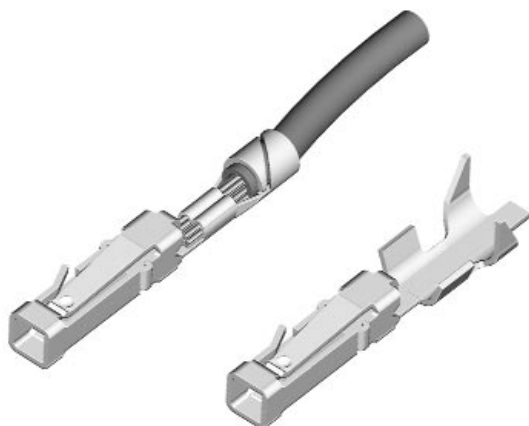




- The Dubox™ contact has a pre-stressed, dual beam design to enable low insertion force.
- Mates with very short pins (5 mm)
- Universal crimp barrel accomodates wires from AWG 22-30
- Selective plating

**24 HOUR
SAMPLES**

Technical Data

Physical

Contact: phosphor bronze
Plating: 0.76µm Gold over 1.27 µm nickel
5.0 µm tin-lead

Electrical Performance

Current rating: 3 A continuous
Contact resistance after environmental test:
15 mΩ max. – Contact
Dielectric withstanding voltage: 1000 V rms

Mechanical Performance

Mating cycles (durability): 200 – Gold
Insertion force gold finish contact: 1.3 N
Withdrawal force (min) gold finish contact: 0.3 N

Operating Temperature Range

-65°C to +125°C

Packaging

Reels
Boxes – Loose piece

Reference Information

 File no. E66906
 File no. LR46923
Product drawing: By 5-digit base part number
Product specification: BUS-12-055 – Contact
Application specification: TA-317, TA-340
Specifications subject to change without notice.

Mating Data

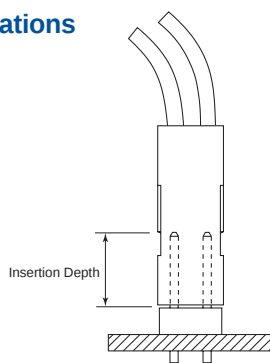
Page

- BergStik® unshrouded straight headers 8
- BergStik® unshrouded right angle headers 10
- Dubox™ shrouded vert./ra. headers 22

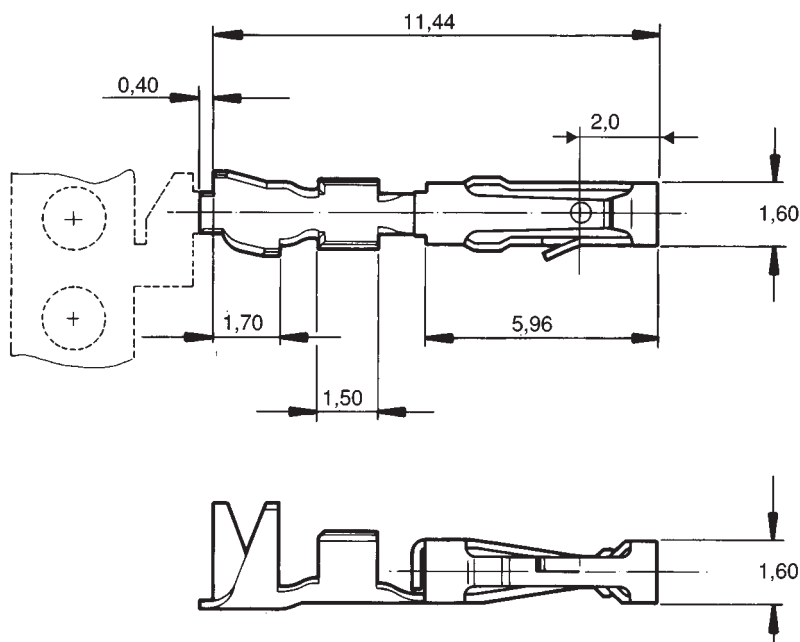
Insertion Depth

- Discrete Wire: 3.56 mm min. to 5.59 mm max.
[provides .381 mm wipe]
- Crimp-to-Wire Housing: 5.08 mm min.
to 6.22 mm max.
[provides .381 mm wipe in housing]

Typical Applications



Part numbers / Contacts on Reel				
Wire size	insulation O.D.	Selective Plated	Tin-lead plated	Packaging
22-30	0.90 - 1.50	76347-301	76347-401	15.000/reel
22-30	0.90 - 1.50	76347-302•	76347-402•	15.000/reel
22-30	0.90 - 1.50	76347-303	76347-403	500/reel
20-22	1.10 - 1.60	76347-311	76347-411	15.000/reel
20-22	1.10 - 1.60	76347-312•	76347-412•	15.000/reel
Part numbers / Contacts loose Piece				
Wire size	insulation O.D.	Selective Plated	Tin-lead plated	Packaging
22-30	0.90 - 1.50	76357-301	76357-401	1000/box
Notes: • = reeled for application machine with left-to-right feeding				



Contacts to be used with housing = 65239-xxx / 65240-xxx

Wire strip length = 3,00 ± 0,25 mm

Mating pin size = 0,62 mm square

Mating pin recommended length = 5,00 mm min.

Dimensions in mm