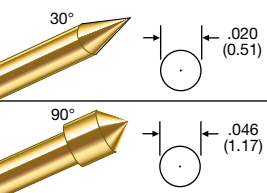
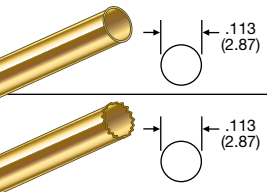


Coax Probes SMB CONNECTOR

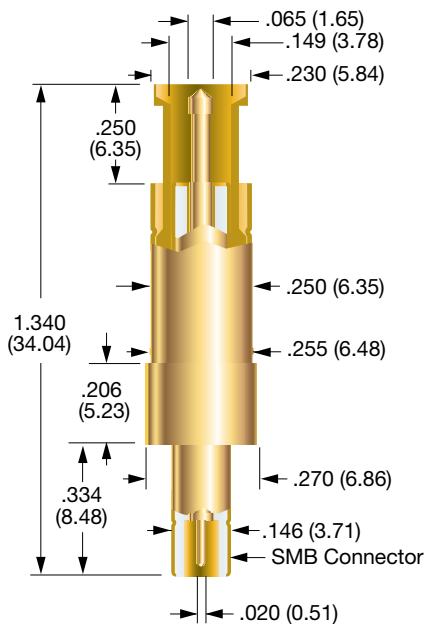
100559 & 100910 SIGNAL PLUNGERS



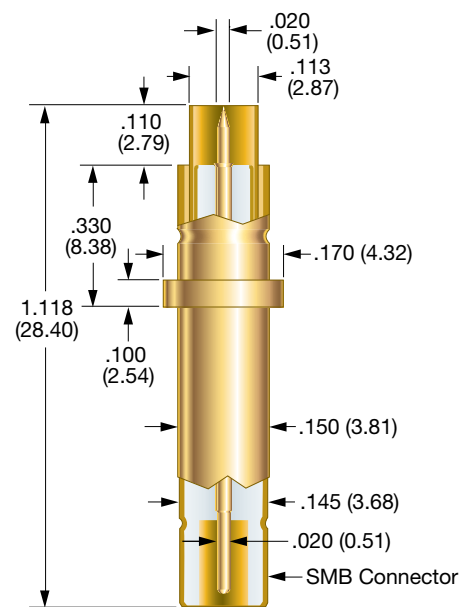
100559 & 100910 SHIELDING PLUNGERS



100563



100559 & 100910



PROBE SPECIFICATIONS

Minimum Centers: .300 (7.62)
Current Rating: 3 amps continuous
Spring Force:
Signal Conductor:
2.3 oz. @ .107 (2.72) travel
Shielding Plunger:
5.8 oz. @ .107 (2.72) travel
Nominal Impedance: 50 Ω
Maximum Travel: .170 (4.32)
Working Travel: .107 (2.72)

MATERIALS

Barrel: Brass, gold plated
Spring:
Signal Conductor:
Beryllium copper, gold plated
Shielding Plunger:
Stainless steel, gold plated
Shielding Plunger: Brass, gold plated
Dielectric Insulator: Teflon
Shielding Tube: Stainless steel, gold plated
Signal Conductor: 100954

HOW TO ORDER

100563	E
BASE PART NUMBER	SIGNAL PROBE TIP

PROBE SPECIFICATIONS

Minimum Centers: .300 (7.62)
Current Rating: 3 amps continuous
Spring Force:
Signal Conductor:
1.6 oz. @ .070 (1.78) travel: tip B
2.0 oz. @ .070 (1.78) travel: tip ES
Shielding Plunger:
4.3 oz. @ .070 (1.78) travel
Nominal Impedance: 50 Ω
Maximum Travel:
.090 (2.29) for tip B
.075 (1.91) for tip ES
Working Travel: .070 (1.78)

MATERIALS

Barrel: Brass, gold plated
Spring:
Signal Conductor:
Beryllium copper, gold plated
Shielding Plunger:
Stainless steel, gold plated
Shielding Plunger:
Beryllium copper, gold plated
Dielectric Insulator: Teflon
Shielding Tube: Brass, gold plated
Signal Conductor: Series S, Size 00

HOW TO ORDER

100559	B	S
BASE PART NUMBER	SIGNAL PROBE TIP	SHIELDING PLUNGER
100559 WITHOUT FLANGE 100910 WITH FLANGE		S: SERRATED N: FLAT

Specifications subject to change without notice. Dimensions in inches (millimeters)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Smiths Interconnect:](#)

[100559-B-N](#) [100559-J-N](#) [100559-B-S](#) [100559-H-N](#) [100559-J-S](#) [100559-U-S](#) [100559-A-S](#) [100559-H-S](#) [100559-ES-S](#) [100559-A-N 1.118 OAL](#)