

## 100445/100746 PROBE



## PROBE SPECIFICATIONS

Minimum Centers: .200 (5,08)

Current Rating: 3 amps continuous

Spring Force:

Signal Conductor:

1.6 oz. @ .070 (1,78) travel for tips B, J & U

2.0 oz. @ .070 (1,78) travel for tips A, ES & H

Shielding Plunger: 4.3 oz. @ .070 (1,78) travel

Nominal Impedance: 50 Ω

Maximum Travel:

.090 (2,29) for tips B, J & U

.075 (1,91) for tips A, ES & H

Working Travel: .070 (1,78)

## MATERIALS

Barrel: Brass, gold plated

Springs:

Signal Conductor: Beryllium copper, gold plated

Shielding Plunger: Stainless steel, gold plated

Shielding Plunger: Beryllium copper, gold plated

Dielectric Insulator: Teflon

Shielding Tube: Stainless steel, gold plated

Signal Conductor: Series S, Size 00 probe

Crimp Ferrule: Brass, gold plated

Coaxial Cable:

100445: RG 174U 100746: RG 316

## HOW TO ORDER

**100445**

**B**

**F**

**N**

**12**

**AM**

**BASE PART NUMBER**  
100445 RG 174U Cable  
100746 RG 316 Cable

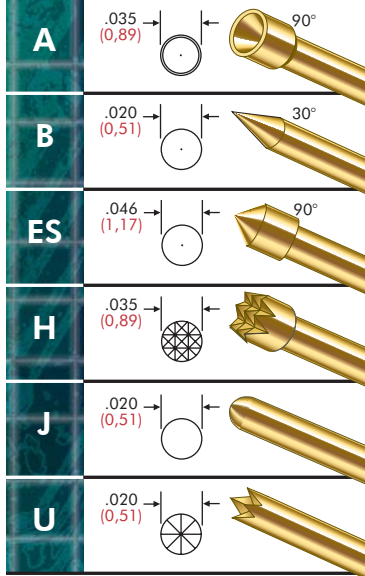
**MOUNTING FLANGE**  
F: With Flange  
N: Without Flange

**SIGNAL PROBE TIP**

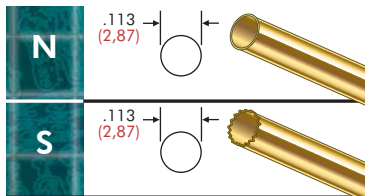
**SHIELDING PLUNGER**  
S: Serrated  
N: Flat

**TERMINATIONS\***  
NC: No Connector  
AM: SMA Male  
AF: SMA Female  
BM: SMB Male  
BF: SMB Female

## SIGNAL PLUNGER TIPS



## SHIELDING PLUNGER TIPS



Specifications subject to change.  
Dimensions in inches (millimeters)

\* When ordering with a preattached connector, please note that the connector will not fit through the probe mounting hole. The probe must be inserted from the bottom side of the mounting plate. Consult IDI for more information.