

Contact Probes, Receptacles

Minimum Mounting Pitch 1.4mm / 1.5mm / 1.7mm Series

■ **Features:** Receptacle's stopper portion is machined slightly smaller in I.D. to avoid probes from being pressed in too far.

■ **Contact Probes - Minimum Mounting Pitch 1.4mm**

■ **Receptacles - Minimum Mounting Pitch 1.4mm**

**NP68SF
NP68**

Tip Shape Selection (00.49) ① ② ③

There is a taper of -0.01 to -0.02mm from the bottom of the flange to the end.

Stopper

End Shape Selection

**NR68
NR68S**

■ **Contact Probes**

No.	Part	Material	Surface Treatment
①	Plunger	SK4	Rhodium Plating on Nickel Undercoat
②	Barrel	Phosphor Bronze	Gold Plating on Nickel Undercoat
③	Spring	SWP	Gold Plating

⚠ The receptacle has a stopper that prevents the probe from being pulled out.

■ **Receptacles**

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

• **NP68SF and NP68 Tip Shapes** ⚠ Tip Shape K is not available for NP68SF.

A

B

C

D

E

G

H (Quartered)

J

K

N

AS

• **Receptacles End Shapes**

NR68Solder, Crimp Type

NR68SSolder Type

■ **Contact Probes - Minimum Mounting Pitch 1.5mm**

■ **Receptacles - Minimum Mounting Pitch 1.5mm**

**NP88
NP88HD**

Tip Shape Selection (00.69) ① ② ③

There is a taper of -0.02 to -0.03mm from the bottom of the flange to the end.

Stopper

NR88

■ **Contact Probes**

No.	Part	Material	Surface Treatment
①	Plunger	SK4	Rhodium Plating on Nickel Undercoat
②	Barrel	Brass	Gold Plating on Nickel Undercoat
③	Spring	SWP	Gold Plating

⚠ The receptacle has a stopper that prevents the probe from being pulled out.

■ **Receptacles**

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

• **NP88 and NP88HD Tip Shapes**

A (Quartered)

B

C

D

E

G

H (Quartered)

J

N

■ **Contact Probes - Minimum Mounting Pitch 1.7mm**

■ **Receptacles - Minimum Mounting Pitch 1.7mm**

**NP45S3SF
NP45S3**

Tip Shape Selection (00.68) ① ② ③

End Shape Selection

NR45S

■ **Contact Probes**

No.	Part	Material	Surface Treatment
①	Plunger	SK4	Rhodium Plating on Nickel Undercoat
②	Barrel	Brass	Gold Plating on Nickel Undercoat
③	Spring	Stainless Steel	-

⚠ The receptacle has a stopper that prevents the probe from being pulled out.

■ **Receptacles**

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

• **NP45S3SF, NP45S3 Tip Shapes** * For Tip Shape B, D, E15 and J, the material of plunger is C1730B.

A

B

C

D

E15

G

H (Quartered)

J

N

• **NR45S End Shapes**

B Solder, Crimp Type

C Solder Type