

Contact Probes, Receptacles

Minimum Mounting Pitch 0.5mm / 0.6mm / 0.8mm / 0.9mm / 1.0mm 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 0.5mm

Receptacles - Minimum Mounting Pitch 0.5mm

NP26

NR26

* The tip length of certain tip shape is 2.0.
 ☞ Pull out prevention measure applied on Probes.

Contact Probes

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

Receptacles

Material	Surface Treatment
Phosphor Bronze	Gold Plating on Nickel Undercoat

NP26 Tip Shapes

Contact Probes - Minimum Mounting Pitch 0.6mm

Receptacles - Minimum Mounting Pitch 0.6mm

NP31

NR31

* The tip length of certain tip shape is 2.0.
 ☞ Pull out prevention measure applied on Probes.

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

Receptacles

Material	Surface Treatment
Phosphor Bronze	Gold Plating on Nickel Undercoat

NP31, NP31HD Tip Shapes

Contact Probes - Minimum Mounting Pitch 0.8mm

Receptacles - Minimum Mounting Pitch 0.8mm

NP38

NR38

* The tip length of certain tip shape is 2.0.
 ☞ Pull out prevention measure applied on Probes.

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

Receptacles

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

NP38 Tip Shapes

Contact Probes - Minimum Mounting Pitch 0.9mm

Receptacles - Minimum Mounting Pitch 0.9mm

NP20

NR20K

* The tip length of certain tip shape is 3.0.

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

Receptacles

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

NP20 Tip Shapes * For Tip Shape C, J and N, the material of plunger is C1730B.

Receptacle End Shapes

Contact Probes - Minimum Mounting Pitch 1.0mm

Receptacles - Minimum Mounting Pitch 1.0mm

NP58

NR58

* The tip length of certain tip shape is 2.0.

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

Receptacles

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

NP58 Tip Shapes

Contact Probes										Receptacles						
Part Number	Mounting Pitch (mm)	Full Stroke (mm)	Spring Pressure Initial	2/3 Stroke	Allowable Current	Resistance	Replacement Cycle Reference	Unit Price (1-69 pcs)	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)	Part Number	Matching Contact Probe	Mounting Hole for Press-Fitting Dimension (Reference)	Unit Price (1-69 pcs)	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)
NP26	0.5mm	2.0mm	3gf	16gf	0.5A	250mΩ	10,000 times				NR26	NP26	0.34-0.35mm			
NP31	0.6mm	2.0mm	2gf	22gf	1A	180mΩ	30,000 times				NR31	NP31HD	0.42-0.43mm			
NP31HD	0.6mm	2.0mm	6gf	23gf							NR38	NP38	0.53-0.54mm			
NP38	0.8mm	2.0mm	15gf	35gf	1A	180mΩ	30,000 times				NR20K	NP20	0.63-0.64mm			
NP20	0.9mm	2.0mm (3.0mm)	20gf	50gf	1A	100mΩ	30,000 times				NR58	NP58	0.78-0.79mm			
NP58	1.00mm	2.0mm	25gf	50gf	1A	100mΩ	50,000 times									

Receptacles with Lead Wire													
Part Number	Lead Wire Color Selection	Lead Wire Length (mm)	Lead Wire	Lead	Maximum Operating Voltage	Receptacles Used	Lead Wire Length 400mm Unit Price (1-69 pcs)	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)	Lead Wire Length 1000mm Unit Price (1-69 pcs)	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)	
NRB26	W (White)	400	0.3	0.05x7 pcs.	250V	NR26	560	550	540	NR20K-B	300	290	280
NRB31	R (Red)	1000	0.4	0.08x7 pcs.		NR31	420	410	400	NR58	280	270	260
NRB38	BL (Blue)		0.4	0.08x7 pcs.									
NRKB20			0.4	0.08x7 pcs.									
NRB58			0.4	0.08x7 pcs.									

Ordering Example: Part Number - Tip Shape - Lead Wire Color - Lead Wire Length

NP26 - A - W - 400

NP38 - B - R - 1000

NR20K - B - R - 400

☞ For orders larger than indicated quantity, please request a quotation.