

*1. For Tip Shape AH or TH, the full tip length is 11.4, while for Tip Shape SH, it is 13.4.
 *2. For NP60HD, the material of spring is SWP, and is treated with gold plating.

Contact Probes

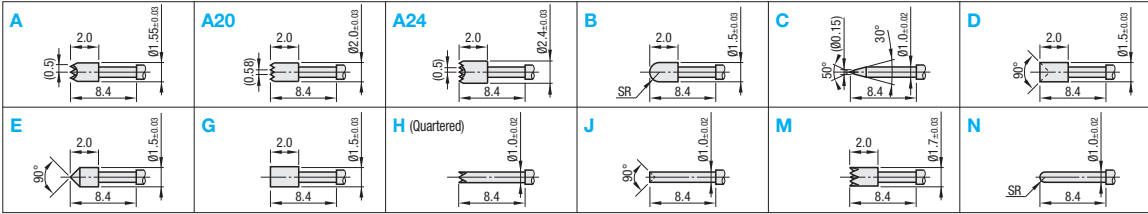
No.	Part	Material	Surface Treatment
①	Plunger	C1730B	Rhodium Plating on Nickel Undercoat
②	Barrel	German Silver	Gold Plating on Nickel Undercoat
③	Spring *2	Stainless Steel	-
④	Ball	Brass	Gold Plating

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

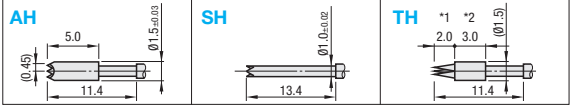
Receptacles

Material	Surface Treatment
Brass	Gold Plating on Nickel Undercoat

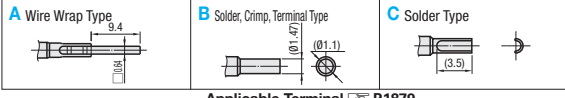
• NP60SF, NP60S, NP60, NP60HD Tip Shapes ⚠ Tip Shape J is not available for NP60HD. * For Tip Shape C, the material of plunger is SK4.



• NP60H Tip Shapes ⚠ For Shape TH, the material is SWRH for *1 and SK4 for *2.



• NR60 End Shapes



Applicable Terminal P.1879

Contact Probes

Part Number	Mounting Pitch (min.)	Full Stroke	Spring Pressure		Allowable Current	Resistance	Replacement Cycle (Reference)	Unit Price (1-69 pc (s))	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)
			Initial	2/3 Stroke						
NP120	2.0mm	6.5mm	15gf	50gf	1.5A	80mΩ	250,000 times			
NP120HD			25gf	100gf						
TP604	2.54mm	4mm	36gf	100gf	1.5A	80mΩ	300,000 times			
NP604			10gf	110gf						
NP604HD			39gf	160gf						
NP60SF	2.54mm	6.4mm	20gf	50gf	1.5A	80mΩ	300,000 times			
NP60S			20gf	100gf						
NP60			30gf	150gf						
NP60H			30gf	170gf						
NP60HD						100,000 times				

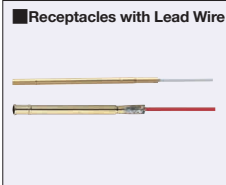
⚠ For orders larger than indicated quantity, please request a quotation.

Receptacles

⚠ For NR604 and NR60, please select the end shape.

Part Number	Matching Contact Probe	Mounting Hole for Press-Fitting Dimension (Reference)	Unit Price (1-69 pc (s))	Volume Discount Rate (70-99)	Volume Discount Rate (100-500)
NR120T	NP120HD	1.62~1.64mm			
NR604	TP604 NP604 NP604HD	1.78~1.79mm			
NR60	NP60SF NP60S NP60 NP60H NP60HD	1.78~1.79mm			

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



Part Number	Lead Wire Color Selection	Lead Wire Length (mm)	Lead Wire	Lead	Maximum Operating Voltage	Receptacles Used	Lead Wire Length 400mm		Lead Wire Length 1000mm	
							Unit Price (1-69 pc (s))	Volume Discount Rate (70-99)	Unit Price (1-69 pc (s))	Volume Discount Rate (70-99)
NRB120	W (White)	400 1000	Ø1.0	Ø0.08x40 pcs.	250V	NR120				
NRB604	R (Red)		Ø1.0	Ø0.08x40 pcs.		NR604-C				
NRB60	BL (Blue)		Ø1.0	Ø0.08x40 pcs.		NR60-C				

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



Ordering Example

Part Number - Tip (End) Shape - Lead Wire Color - Lead Wire Length

NP120 - D
 NP60SF - B
 NR120 -
 NR604 - B
 NRB120 - W - 1000
 NRB604 - W - 400