

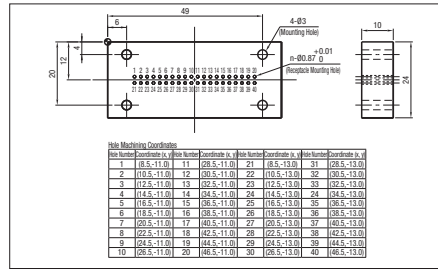
- Assembly Service
 - Holes are machined on each plastic plate, and Probes are installed according to customer supplied drawings.

How to Order Assembly Service

① Please use Contact Probe Installation and Machining Service RFQ (inserted in the catalog as a separate sheet) to specify plastic plate standards (material, thickness and width/length dimensions), Contact Probes and Receptacles (P.1867~P.1879). Please also specify Receptacle mounting hole diameter and positions on plastic plate machining drawings.

Quotation Request Form Example

Example of Technical Drawing of Resin Plate



Be sure to specify receptacle's insert directions on the drawing.

Please select from Contact Probes, Receptacles or Receptacles with Lead Wires on P.1867~P.1879.

- ✗ Assembly for parts from other manufacturers are not available.
- ✗ Double Tipped Probes are not selectable.
- ✗ Heat-Shrink Tubes are not available for NR26.

Resin Plate Material	Color	Thickness Selection	Length (1mm Increment)	Width (1mm Increment)
Acrylic (Antistatic Grade)	Transparent	5	15~300	15~300
Bakelite (Paper Base)	Natural Color			
Polycarbonate (Standard Grade)	Transparent	10	15~300	15~300
Polyacetal (Standard Grade)	White			

For the characteristics of each plastic plate, see P.949-955.

② Please fax the quotation request form and the technical drawing to the following contacts. We may contact you for inquiries about drawings, etc.

FA Special Order Team TEL:0120-767-343
Office Hours: 9:00 - 18:00 FAX:0120-343-818
 (Except Saturday, Sunday and National Holidays) Mail:assycost@misumi.co.jp

③ Quotation will be sent.

Quotation and Ordering Form Example

Quotation: Price, days to ship and notes are listed.

Ordering Example
 Example of Special Order Code
#CP1104-0164P-1
 * Numbers change depending on the diagram.

Ordering Form: Quotation Result is shown.

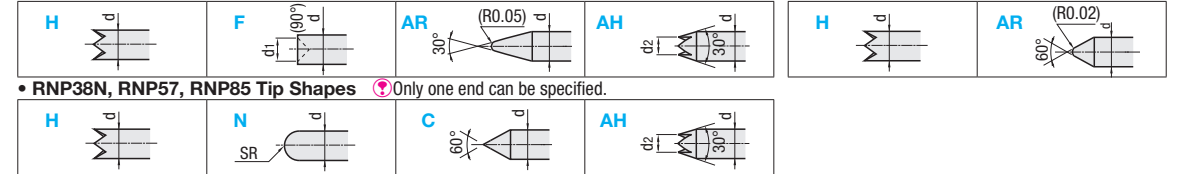
For ordering, check the "Order" box below and fax to the toll-free number printed on the paper. Also contact us by faxing this paper when changing your conditions for quotation.

Features: Since there is continuity at both ends of the probe, ICs themselves can be tested before being assembled onto PC boards.

No.	Part	Material	Surface Treatment
①	Plunger	C1730B	Gold Plating on Nickel Undercoat
②	Barrel	Brass*	Gold Plating on Nickel Undercoat*
③	Spring	SWP	Gold Plating

*RNP30 and 38 are treated with gold plating on phosphor bronze. RNP38N is treated with gold clad plating and RNP57 is treated with gold plating on German silver, nickel undercoat. RNP60ST and 80ST are treated with gold plating on C1730B nickel undercoat. Tip of RNP20 is SK4, the material of barrel is gold clad.

RNP30, RNP38, RNP50, RNP64 Tip Shapes Only one end can be specified.
 RNP20 Tip Shapes Only one end can be specified.



Part Number Type	No.	Mounting Pitch	Full Stroke	Spring Pressure		Allowable Current	Resistance	Replacement Cycle (Reference)	d	d1	d2	Unit Price 1 - 69 pcs(s)	Volume Discount Rate 70-99	Volume Discount Rate 100-500
				Initial	2/3 Stroke									
RNP	20	0.3mm	1.3mm	2gf	6gf	0.5A	300mΩ	60,000 times	0.12	-	-			
	30	0.8mm	3gf	15gf	0.15				0.1	0.1				
	38	1.0mm	5gf	15gf	0.2				0.15	0.15				
	38N	0.98mm	5gf	25gf	1A	60mΩ	100,000 times	0.22	-	0.15				
	50	1.0mm	3gf	25gf				0.3	0.2	0.2				
	57	0.8mm	0.98mm	13gf	30gf	200,000 times	300,000 times	0.3	-	0.2				
	64	1.0mm	20gf	30gf	0.38			0.3	0.25					
	85	1.0mm	0.98mm	22gf	35gf	100,000 times	50mΩ	200,000 times	0.50	-	0.3			
	60ST	0.6mm	0.5mm	10gf	25gf				0.6	-	-			
	80ST	1.0mm	0.5mm	11gf	30gf									

Part Number - Tip Shape
 RNP20 - AR
 RNP85 - N
 RNP60ST - N

Used for inspecting boards and IC inspection sockets.

IC
Solder Ball
IC Test Socket
Double Tipped Probe
Printed Circuit Board

Reference Barrel Hole Dia.

Part Number	Barrel O.D.	Reference Barrel Hole Dia.
RNP20	0.20	0.22
RNP30	0.30	0.32
RNP38	0.38	0.40
RNP38N	0.38	0.40
RNP50	0.50	0.52
RNP57	0.57	0.59
RNP64	0.64	0.66
RNP85	0.85	0.87
RNP60ST	0.6	0.65
RNP80ST	0.8	0.85