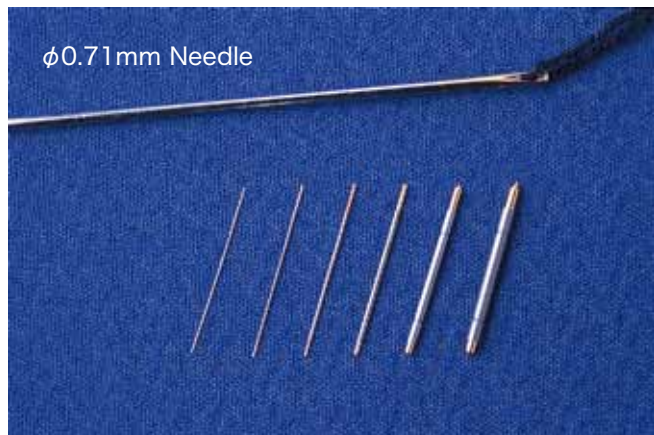


Super Fine Contact Probe



6 Sizes of Standard Contact Probes

Applications

- Large/middle/small sized Flat Panel Display (LCD, Organic EL, FED) test
- TAB and COF test
- MCM and IC substrate test

Features

- Low contact resistance contact probe perfectly matches with the fine pitch PCB test.
- Guarantee lower contact resistance comparing to the tube-less contact probe.
- Low spring forces can prevent any damages to the PCB caused by the mating action.
- The standardized double-ended contact probe can provide design and assemble works of the test head much faster and easier.
- Wide range of pitch size variations (from 0.15mm to 0.9mm pitch)
- Combining suitable size of contact probes enable to reduce the total system cost.
- Contact probes can be replaced easily.

Specification

Minimum Pitch	0.15mm	0.20mm	0.28mm	0.38mm	0.65mm	0.90mm	
Probe Part No.	F-51W-094-BEG	YPW-12TA01-039	YPW-11TA01-026	F-45-094-SKG	YPW-6SA01-075	YPW-6SA01-048	
Receptacle Part No.	—	F-49S-030-K	F-49W-020S-K2	F-45S-030T-2			
Contact	Outer Diameter	φ0.11mm	φ0.15mm	φ0.20mm	φ0.30mm	φ0.52mm	φ0.72mm
	Contact Resistance	3.0Ω Max.	2.0Ω Max.	1.5Ω Max.	1.0Ω Max.	0.7Ω Max.	0.5Ω Max.
	Electrical Current	0.1A	0.3A	0.4A	0.5A	1.0A	1.6A
Probe and Wire	Spring Force@2/3mm Stroke	0.05N±0.02N	0.06N±0.02N	0.06N±0.02N	0.06N±0.02N	0.06N±0.02N	0.1N±0.02N
	Tip Style	60 Degree Cone					
	Wire Diameter	—	φ0.08mm	φ0.11mm	φ0.18mm	φ0.18mm	φ0.18mm
	Contact Resistance of Wire	—	3.78Ω/m	1.96Ω/m	0.72Ω/m	0.72Ω/m	0.72Ω/m
Test Head	Block Layer	3 or 4 Layers					
	Material	Ceramic / Super Engineering Plastic					
	Maximum Stroke	0.6mm					
	Height Tolerance	0.2mm Max.					
	Pointing Accuracy	±0.015mm ~ ±0.05mm					
	Insulation Resistance@100V	100MΩ Min.					