



Flying Probes

FL10010S015L150E21M

Item number 1033253

General

Design	Basic Contact Probe
Type/family	FL100
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+100°C
Additional definition	E21

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

Preload (cN)	60.00
Spring force (cN)	150.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.08
Thread	M1,6
Tool size (mm)	1,7

Dimensions

Total length (mm)	47.50
Projection height (mm)	21.40
Tip style diameter (mm)	0.15
Barrel diameter (mm)	1.65
Collar diameter (mm)	2.30

Family drawing

All measurements are in mm.

Materials & surfaces

Tip style	10
Tip style material	Sandvik
Tip style plating	Longtime Gold
Plunger material	Sandvik
Plunger plating	Longtime Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold