



Basic Contact Probes

F05037B028P250HP

Order code 1152299

General

Design	Basic Contact Probe
Family	F050HP
Pitch [mm/mil]	1.27 / 50
Temperature [C°]	-45°C...+100°C
Additional definition	HP

Electrical specifications

Continuous current [A]	4.00
Typical contact resistance [mOhm]	40.00

Mechanical specifications

Preload [cN]	150.00
Spring force [cN]	250.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.05

Dimensions

Total length [mm]	43.20
Projection height [mm]	8.10
Tip style diameter [mm]	0.28
Barrel diameter [mm]	0.78

Materials & surfaces

Tip style	37
Plunger material	Steel
Plunger plating	Progressive
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold

Accessories

Tool for receptacle	FEWZ-050EV
---------------------	------------

Family drawing

All measurements are in mm.

