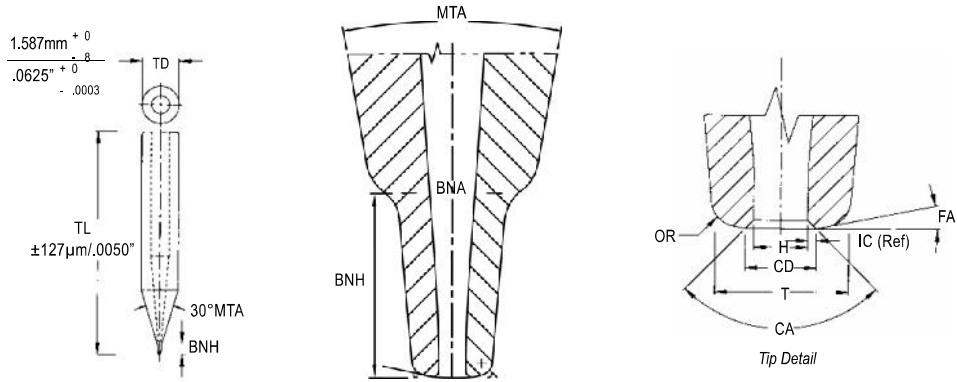


HOW TO ORDER - FINE PITCH SERIES



DOP - **33** **090** - **43** **5** **F** - **R** **U** **3** **4** **T** **P**

Capillary Series

- SI
- PI
- SU
- SQ
- DOP

Hole Size

Tip Diameter

Chamfer Diameter

Chamfer Angle

- 90 deg : 5
- 120 deg: 8

Face Angle

- 0 deg : A
- 4 deg : C
- 8 deg : E
- 11 deg : F

For SI Series Only

- PI capillary design : P

Bottle Neck Angle

- 10 deg: T

Main Taper Angle

- 20 deg: 4
- 30 deg: 6
- 50 deg: 8/9

Length

- L: 1
- XL: 3
- XXL: 5
- 16mm: 7
- 19mm: 9

Finishing

- Matte: M
- Polish: P
- SI Finishing: B/S
- SU Finishing: U

Material

- Z : Zirconia composite
- R : Zirconia Ruby

Capillary Sample Selection

Wire Type - Wire Size	Copper 20µm	Gold 20µm
Application Requirement: - Package Type - Bond Pad Pitch - Bond Pad Opening - Target Mashed Ball Diameter	QFN (Ni-Pd PP L/F) 60µm 55µm 42+/-2µm	BGA (Laminate Au Plated) 45µm 40µm 35+/-2µm
Shank Selection	SQ	DOP
Capillary Finish	SU	Polished
Capillary Material	AZR	AZ
Recommended Capillary Part Number	SQ - 25080 - 325E - RU39TS	DOP - 25058 - 291F - ZP34TP