### SMT MICRO HEADER & SOCKET

**FTR**

- Mates: RSM, SMS, SLM

**RSM**

- Mates: FTR, HTMS, HDWM, DWM, TML, ZML, TMS

#### SPECIFICATIONS

- **Insulator Material:**
  - Black Liquid Crystal Polymer
- **Contact Material:**
  - FTR: Phosphor Bronze
- **Terminal Material:**
  - FTR: Phosphor Bronze
- **Plating:**
  - Au or Sn over 50 µ” (1.27 µm) Ni
- **Current Rating (FTR/RSM):**
  - RSM: Phosphor Bronze
- **Operating Temp Range:**
  - FTR: -55 °C to +105 °C with Tin; -55 °C to +125 °C with Gold
  - RSM: -55 °C to +125 °C
- **Lead Size Accepted:**
  - RSM: (0.46 mm) .018" SQ
- **Insertion Depth:**
  - RSM: Top Entry = (2.64 mm) .104" to (5.84 mm) .230" with (0.38 mm) .015" wipe, or pass-through.
  - RSM: Bottom Entry = (5.49 mm) .216" minimum (Add board thickness for correct post OAL).

#### PROCESSING

- **Lead-Free Solderable:** Yes
- **SMT Lead Coplanarity:**
  - RSM: (0.10 mm) .004" max
  - FTR: (0.10 mm) .004" max (02-20)
  - FTR: (0.15 mm) .006" max (21-40)*
  - *0.004" stencil solution may be available; contact IPG@samtec.com

#### ALSO AVAILABLE

- MOQ Required

---

**Note:**

- Some lengths, styles and options are non-standard, non-returnable.