SMT MICRO HEADER & SOCKET
(1.27 mm) .050" PITCH • FTR/RSM SERIES

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
RSM: Phosphor Bronze
Terminal Material:
FTR: Phosphor Bronze
RSM: Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Current Rating (FTR/RSM):
3.8 A per pin
(2 pins powered)
Voltage Rating:
290 VAC
Operating Temp Range:
FTR: -55 °C to +105 °C with Tin;
FTR: -55 °C to +125 °C with Gold
RSM: -55 °C to +125 °C
Contact Material:
RSM: Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Operating Temp Range:
FTR: -55 °C to +105 °C with Tin;
FTR: -55 °C to +125 °C with Gold
RSM: -55 °C to +125 °C
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RSM: -55 °C to +125 °C

PROCESSING
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
RSM: 0.10 mm ±0.04 mm max
FTR: 0.10 mm ±0.04 mm max 02-20
FTR: 0.13 mm ±0.06 mm max 21-40
*(0.04 mm ±0.01 mm max 21-40)
*(0.04 mm ±0.01 mm max 21-40)
*(0.04 mm ±0.01 mm max 21-40)
*May be available; contact
ipg@samtec.com

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