TIGER CLAW™ SURFACE MOUNT SOCKET

Mates with:
TSW, MTSW, TST, TSS, ZST, ZSS, DW, EW, ZW, TSM, HTSMW, HTS, TSSH, BST, HTS, TLW, MTLW

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SSM

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
2 pins powered
Voltage Rating:
405 VAC / 572 VDC
Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

Insertion Depth:
SV/DV is (4.34 mm) .171" to (7.24 mm) .285" or pass-through from top; SH/DH is (4.34 mm) .171" to (6.35 mm) .250"
Normal Force:
125 grams (1.21 N) average

RoHS Compliant:
Yes

PROCESSING

Lead–Free Solderable:
Yes

–DH Coplanarity:
Less than 28 positions (0.15 mm) .006" max*
More than 27 positions (0.20 mm) .008" max*

–SH, –SV, –DV Coplanarity:
(0.15 mm) .006" max*
(0.25) .010
tin, optional, if required

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

APPLICATIONS

–SV = Single Row Vertical Pin

–SH = Single Row Horizontal Pin

–DH = Double Row Horizontal Pin

–DV = Double Row Vertical Pin

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

ALSO AVAILABLE

(EOQ Required):
• Alignment pin

www.samtec.com

All parts within this catalog are built to Samtec’s specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.