

(2.54 mm) .100"

# IGER CLAW™ SURFACE MOUNT SOCKET

#### Mates with:

TSW, MTSW, TST, TSS, ZST, ZSS, DW, EW, ZW, TSM, HMTSW, HTSW, TSSH, BST, HTSS, 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 Current Rating (SSM/TSW): 5.2 A per pin (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, (5.56 mm) .219" plus board thickness minimum from bottom; SH/DH is (4.34 mm) .171" to (6.35 mm) .250' Normal Force:

125 grams (1.21 N) average RoHS Compliant:

### **PROCESSING**

Lead-Free Solderable:

-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\* (.004" stencil solution may be available; contact IPG@samtec.com)

#### **RECOGNITIONS**

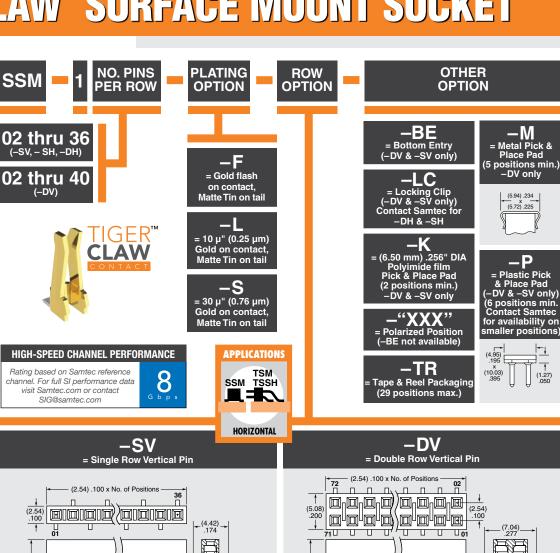
For complete scope of recognitions see www.samtec.com/quality



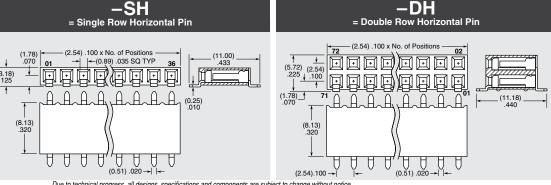
#### **ALSO AVAILABLE** (MOQ Required)

· Alignment pin

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



## (7.37) (7.37) (2.54) .100 → (2.54) .100 → (0.51) .020 → (0.51) .020 → L (0.13) .005



Due to technical progress, all designs, specifications and components are subject to change without notice **WWW.SAMTEC.COM**