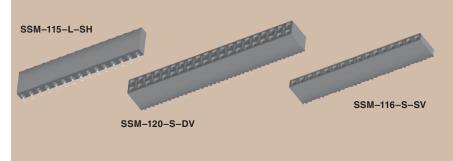


(2,54mm) .100" **SSM SERIES** 





## SMT .025" SQ BOX SOCKET

HORIZONTAL

Mates with: TSW, MTSW, TST, TSS, ZST, ZSS, DW, EW, ZW, TSM

## **SPECIFICATIONS**

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

GP:

Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze

Plating: Au or Sn over 50μ" (1,27μm) Ni Voltage Rating: 475 VAC (-SV/-DV mated with TSW) 450 VAC (-SH/-DH mated with TSM)

Operating Temp Range: -55°C to +125°C with Gold -55°C to +105°C with Tin

Contact Resistance: 10 mΩ max Insertion Depth:

SV/DV is (4,34mm) .171" to (7,24mm) .285" or pass-through from top; (5,56mm) .219" plus board thickness minimum from bottom; SH/DH is (4,34mm) .171" to (6,35mm) .250"

Insertion Force: (Single contact only) 5oz (1,39N) average Normal Force: 125 grams (1,21N) average Withdrawal Force: (Single contact only) 2oz (0,56N) average RoHS Compliant: Yes

CURRENT RATING	
AMBIENT TEMP	SSM mated with TSW
20°C	6.9A
40°C	6A
60°C	5.3A
95°C	3.5A

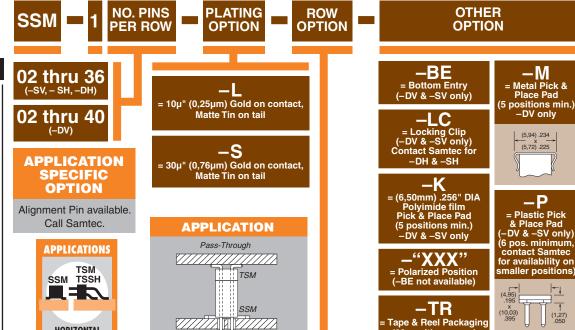
6 POSITIONS (2x3) POWERED

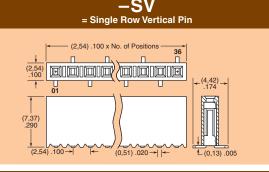
Processing: Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x Lead-Free Solderable:

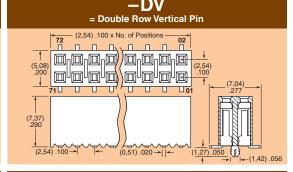
-DH Coplanarity:

Less than 28 positions (0,15mm) .006" max More than 27 positions (0,20mm) .008" max -SH, -SV, -DV Coplanarity: (0,15mm) .006" max

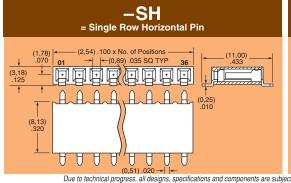
Note: Some lengths, styles and options are non-standard, non-returnable.

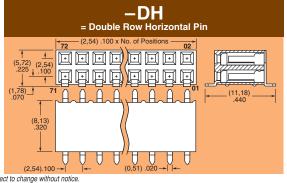






(29 positions max.)





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

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