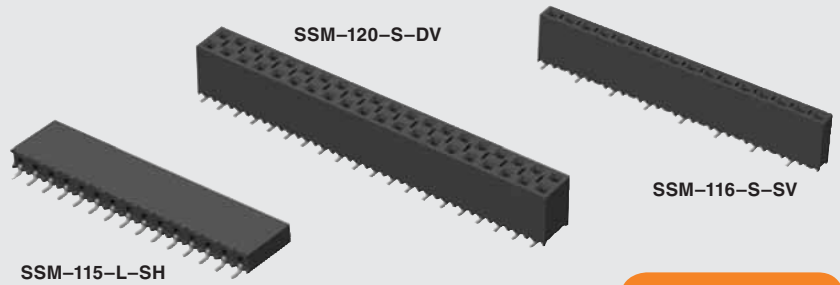




(2.54 mm) .100"



SSM SERIES

TIGER 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 50µ" (1.27 µm) Ni
Current Rating (SSM/TSW): 5.2 A per pin (1 pin powered per row)
Voltage Rating: 405 VAC / 572 VDC
Operating Temp Range: -55°C to +125°C with Gold -55°C to +105°C with Tin
Contact Resistance: 10 mΩ
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"
Insertion Force: (Single contact only) 5 oz (1.39 N) average
Normal Force: 125 grams (1.21 N) average
Withdrawal Force: (Single contact only) 2 oz (0.56 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

SSM	1	NO. PINS PER ROW	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 36 (-SV, -SH, -DH)		02 thru 40 (-DV)	-F = Gold flash on contact, Matte Tin on tail	-BE = Bottom Entry (-DV & -SV only)	-M = Metal Pick & Place Pad (5 positions min.) -DV only
			-L = 10µ" (0.25 µm) Gold on contact, Matte Tin on tail		
			-S = 30µ" (0.76 µm) Gold on contact, Matte Tin on tail	-K = (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (2 positions min.) -DV & -SV only	-P = Plastic Pick & Place Pad (-DV & -SV only) (6 pos. minimum, contact Samtec for availability on smaller positions)
				-"XXX" = Polarized Position (-BE not available)	
				-TR = Tape & Reel Packaging (29 positions max.) 	

ALSO AVAILABLE (MOQ Required)

- Alignment pin Contact Samtec.

APPLICATIONS

SSM TSM TSSH

HORIZONTAL

-SV
= Single Row Vertical Pin

-DV
= Double Row Vertical Pin

-SH
= Single Row Horizontal Pin

-DH
= Double Row Horizontal Pin

RECOGNITIONS

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



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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Samtec](#) manufacturer:

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [891-007-9SS-BST1T](#) [000-34000](#) [0008550134](#) [0009482033](#) [0009507031](#) [57102-F02-18ULF](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [CSU011177004](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [644827-2](#) [647662-1](#) [65039-019ELF](#) [65692-001LF](#) [65781-018](#) [65781-047](#)