

SSW SERIES

(2.54 mm) .100"

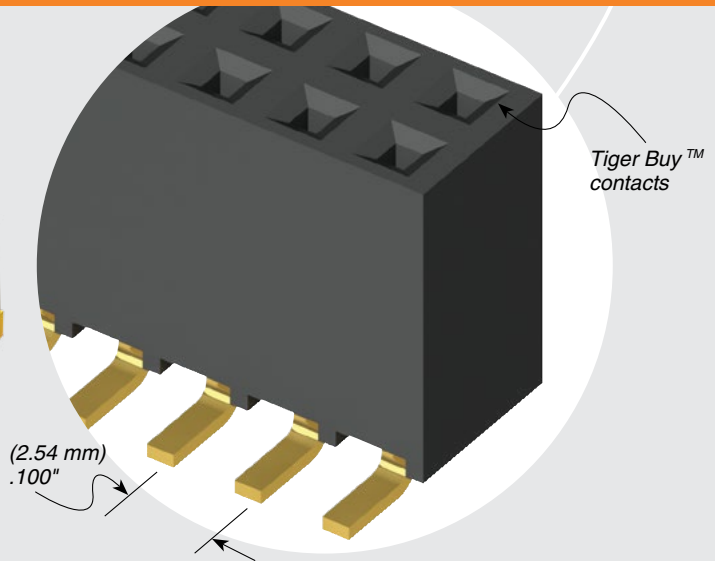
SMT .025" SQ POST SOCKET

SPECIFICATIONS

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

- Insulator Material:**
Black LCP
- Contact Material:**
Phosphor Bronze
- Plating:**
Au or Sn over
50 μ" (1.27 μm) Ni
- Current Rating (SSW/TSM):**
4.7 A per pin
(2 pins powered)
- Operating Temp Range:**
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
- Insertion Depth:**
(3.68 mm) .145" to
(6.35 mm) .250"
- Max Cycles:**
100 with 10 μ" (0.25 μm) Au
- Voltage Rating:**
465 VAC / 655 VDC
- RoHS Compliant:**
Yes

Mates With:
TSW, MTSW, HTSW,
HMTSW, MTLW, EW, ZW,
TSS, HTSS, ZSS, TSM,
TSSH, DW, HW



HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

8
Gbps

PROCESSING

- Lead-Free Solderable:**
Yes
- SMT Lead Coplanarity:**
(0.10 mm) .004" max

RECOGNITIONS

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other platings
- Notch option

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

SSW	1	NO. PINS PER ROW	22	PLATING OPTION	ROW OPTION	VS	OTHER OPTION
02 thru 36				-F = Gold flash on contact, Matte Tin on tail	-S = Single Row	-“XX” = Polarized Position	
				-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-D = Double Row	-K = -S: (3.50 mm) .138" DIA, -D: (6.50 mm) .256" DIA Polyimide film Pick & Place Pad (03 positions min.)	
				-G = 20 μ" (0.51 μm) Gold on contact, Gold flash on tail	-P = Pick & Place Pad (05 positions min.)		
				-TR = Tape & Reel (-02 thru -28)			
				-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-02 thru -28)			

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

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.