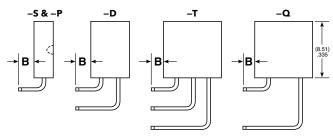


## **THROUGH-HOLE** .025" SQ POST SOCKET 8 G b p

## (2.54 mm) .100" PITCH • SSW/SSQ SERIES

SSW/SSQ Mates: TSW, MTSW, MTLW, DW, EW, ZW, TSS, ZSS, TSM, TSSH, HTSS SPECIFICATIONS Insulator Material: Black Liquid Crystal Polymer	SERIES - 1 NO. PINS PER ROW SSW = Solder Tail SSQ = Square Tail	LEAD STYLE Specify LEAD STYLE from chart	PLATING OPTION -F = Gold flash on contact, Matte Tin on tail -L = 10 µ" (0.25 µm)	<b>CONTION</b> -S = Single Row -P = Single Row (36 pins max	TAIL OPTION Leave blank for straight pin version) -RA = Right- angle	OTHER OPTION = Locking Lead Available on tails from (2.29 mm) .090" to
(-S & -D) or Black High Temperature Thermoplastic (-T) <b>Contact Material:</b> Phosphor Bronze <b>Plating:</b> Au or Sn over 50 µ" (1.27 µm) Ni <b>Current Rating (SSW/TSM):</b> 4.7 A per pin (2 pins powered) <b>Current Rating (SSQ/TSW):</b> 6.3 A per pin	[ A ]] ← (2.54) .100 x No. of Positions + (0.51) .020 -	→  ↓	= 10 μ <sup>-</sup> (0.25 μm) Gold on contact, Matte Tin on tail -G = 20 μ" (0.51 μm) Gold on contact, Gold flash on tail -T = Matte Tin (-T N/A on LIF contacts)	-D = Double Row -T = Triple Row -Q = Double Row .200" (5.08 mm) row space (outer rows		(7.87 mm) .310" only. Not Available with single row 1 or 2 positions) <b>"XXX"</b> = Polarized (Specify "XXX" as position number)
(2 pins powered) <b>Operating Temp Range:</b> $-55 \degree C to +125 \degree C with Gold -55 \degree C to +105 \degree C with TinInsertion Depth:(3.68 mm) .145" to(6.35 mm) .250"Normal Force:Standard= 125 grams (4.4 N)Max Cycles:100 with 10 µ" (0.25 µm) AuVoltage Rating:$		(2,41) .095 ↓ ↑ (4,95) 195 ↓		filled only)	LEAD STV Standard Insertion Force -01 -02	
465 VAC / 655 VDC PROCESSING Lead-Free Solderable: Yes: -S and -D row option No, Lead Wave only: -P, -T and -Q row option		□     ↑       □     .7.49)       □     ↓	-S & -P	-D	-04 -06** * LIF not availab	-24 (10.00) .574 -24 (14.83) .584 N/A (3.15) .124 le with Tin Plating available with SSQ -Q
	☐ ☐ ☐ ☐ ☐ ∬ ☐ ☐ ☐ ☐ ∐ ∐ Through-hole Right-Ang					

**RIGHT-ANGLE** LEAD STYLE SINGLE DOUBLE TRIPLE Standard Insertion Low Insertion (–S ) (-D) (-T & -Q ) Force Force\* в В в (2.54) .100 (2.54) .100 (2.54) .100 -02 -22 -03 -23 (7.62) .300 (7.62).300 N/A -04 -24 (12.45) .490 N/A N/A \*LIF not available with Tin Plating



**Straight Pin Versions** 

**Right-Angle Versions** 

## samtec.com?SSW or samtec.com?SSQ

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.