

BTSW-110-01-T-D



SNT-100-BK-T-H



MNT-120-BK-T



SNT-100-BK-G



BTMM-106-01-T-S



JL-400-25-T



(2,54 mm) .100"

SNT, MNT, 2SN, SNM, PK, JL, BTMM, BTSW SERIES

# SHUNTS & JUMPERS

## SPECIFICATIONS

### SNT

For complete specifications see [www.samtec.com?SNT](http://www.samtec.com?SNT)

**Insulator Material:** Glass Filled Polyester  
**Contact Material:** Phosphor Bronze  
**Current Rating:** 2.5A/Contact  
**Operating Temp Range:** -55°C to +125°C  
**Contact Resistance:** 5 mΩ  
**Insertion Depth:** (4,32 mm) .170" min.  
**Lead Size accepted:** (0,64 mm) .025" SQ  
**Insertion Force:** (Single contact only) 33 oz (9,17 N) average  
**Withdrawal Force:** (Single contact only) 27 oz (7,51 N) average  
**RoHS Compliant:** Yes



<b>SNT</b>	<b>100</b>	<b>BODY COLOR</b>	<b>PLATING OPTION</b>	<b>HANDLE OPTION</b>
		-BK = Black -OR = Orange -RD = Red -BL = Blue -YW = Yellow	-G = 10µ" (0,25 µm) Gold -T = Tin	-H = Handle (Black Only)

**Note:** Other Gold plating options available. Contact Samtec.

### MNT

For complete specifications see [www.samtec.com?MNT](http://www.samtec.com?MNT)

Same as SNT except:  
**Current Rating:** 2A/Contact @ 80°C ambient  
**Working Voltage:** 450 VAC

<b>MNT</b>	<b>1</b>	<b>NO. OF POSITIONS</b>	<b>BODY COLOR</b>	<b>PLATING OPTION</b>
		02 thru 20	-BK = Black	-G = 10µ" (0,25 µm) Gold -T = Tin

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

**SNT/MNT mates with:** TSW, HTSW, MTSW, HMTSW, TLW, DW, EW, ZW, HW, TSM, BST, PHT

### 2SN

For complete specifications see [www.samtec.com?2SN](http://www.samtec.com?2SN)

Same as SNT except:  
**Insertion Depth:** (2,29 mm) .090" minimum  
**Lead Size accepted:** (0,51 mm) .020" SQ



**2SN mates with:** TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TSH, EHT

<b>2SN</b>	<b>SNM</b>	<b>PK</b>

**Part No. 2SN-BK-G**

Part No.	A	B
PK-01-06	(0,64) .025 SQ	(5,84) .230
PK-01-07	(0,51) .020 SQ	(3,18) .125

**Insulator Material:** Natural Thermoplastic  
**Note:** Order per wheel. 6 pins per wheel.

### SNM

For complete specifications see [www.samtec.com?SNM](http://www.samtec.com?SNM)

Same as SNT except:  
**Contact Resistance:** 10 mΩ  
**Insertion Depth:** (3,43 mm) .135" minimum  
**Lead Size accepted:** (0,46 mm) .018" SQ

**SNM mates with:** TMS, MTMS, DWM

### JL

For complete specifications see [www.samtec.com?JL](http://www.samtec.com?JL)

Part No.	A
JL-100-25-T	(2,54) .100
JL-250-25-T	(6,35) .250
JL-300-25-T	(7,62) .300
JL-400-25-T	(10,16) .400
JL-500-25-T	(12,70) .500
JL-600-25-T	(15,24) .600
JL-1000-25-T	(25,40) 1.000

### JL

Insulation is white Teflon

(0,64) .025 DIA REF

(3,18) .125

(6,10) .240

(14,00) .550

### BTMM

(0,50) .020 SQ

(2,57) .101

(4,00) .157

(8,00) .315

(2,60) .102

(6,10) .240

(2,54) .100 X No. of Positions

(5,08) .200

(6,10) .240

(3,99) .157

(1,02) .040

(1,27) .050

(3,30) .130

### BTSW

(0,64) .025 SQ

(2,69) .106

(5,08) .200

(10,16) .400

(2,80) .110

(2,54) .100

(11,18) .440

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

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