

(2,54mm) .100"

SNT, MNT, JL, 2SN, PK, SNM 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  
**Operating Temp Range:** -40°C to +90°C  
**Contact Resistance:** 5 mΩ max  
**Insertion Depth:** (4,32mm) .170" min.  
**Lead Size accepted:** (0,64mm) .025" SQ  
**Insertion Force:** (Single contact only) 33oz (9,17N) average  
**Withdrawal Force:** (Single contact only) 27oz (7,51N) average  
**RoHS Compliant:** Yes



**MNT**  
 For complete specifications see [www.samtec.com?MNT](http://www.samtec.com?MNT)  
 Same as SNT except:  
**Current Rating:** 2A @ 80°C ambient  
**Working Voltage:** 675 VAC

**2SN**  
 For complete specifications see [www.samtec.com?2SN](http://www.samtec.com?2SN)  
 Same as SNT except:  
**Insertion Depth:** (2,29mm) .090" minimum  
**Lead Size accepted:** (0,51mm) .020" SQ  
**2SN mates with:** TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TMSH, TSH, EHT

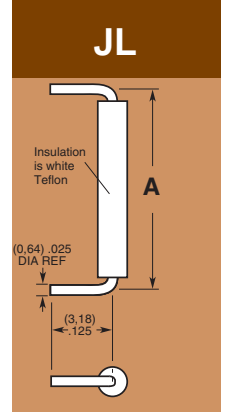


**SNM**  
 For complete specifications see [www.samtec.com?SNM](http://www.samtec.com?SNM)  
 Same as SNT except:  
**Contact Resistance:** 10 mΩ max  
**Insertion Depth:** (3,43mm) .135" minimum  
**Lead Size accepted:** (0,46mm) .018" SQ  
**SNM mates with:** TMS, MTMS, DWM

**JL**  
 For complete specifications see [www.samtec.com?JL](http://www.samtec.com?JL)  
**Insulator Material:** White Teflon per MIL-T-16878 Type E  
**Insulation Resistance:** >10<sup>8</sup> ohm-cm  
**Terminal Material:** Tinned 22 ga Copper  
**Current Rating:** 1.6 amp @ 60°C  
**Plating:** Ag per MIL-QQW-343

<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" (0,25μm) Gold -T = Tin	-H = Handle (Black Only)

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

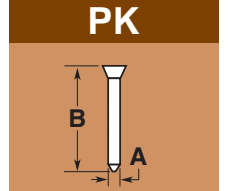


Part No.	A
JL-100-25-T	(2,54) .100
JL-250-25-T	(6,35) .250
JL-300-25-T	(7,62) .300
JL-400-25-T	(10,16) .400
JL-500-25-T	(12,70) .500
JL-600-25-T	(15,24) .600
JL-1000-25-T	(25,40) 1.000

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

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

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



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

<b>2SN</b>	<b>SNM</b>								
<table border="1"> <thead> <tr> <th>Part No.</th> <th>Plating</th> </tr> </thead> <tbody> <tr> <td>2SN-BK-G</td> <td>10μ" (0,25μm) Gold</td> </tr> </tbody> </table>	Part No.	Plating	2SN-BK-G	10μ" (0,25μm) Gold	<table border="1"> <thead> <tr> <th>Part No.</th> <th>Plating</th> </tr> </thead> <tbody> <tr> <td>SNM-100-BK-G</td> <td>10μ" (0,25μm) Gold</td> </tr> </tbody> </table>	Part No.	Plating	SNM-100-BK-G	10μ" (0,25μm) Gold
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2SN-BK-G	10μ" (0,25μm) Gold								
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SNM-100-BK-G	10μ" (0,25μm) Gold								

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

**-06 polarizes:** SSW, SSQ, ESW, ESQ, IDSS, IDSD, SSM  
**-07 polarizes:** SMM, TCSD

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