



深圳市新佰特电子有限公司

SHENZHEN NEWBESTTOOLS ELECTRONICS CO.,LTD

地址：广东省深圳市宝安区 31 区前进路水口花园西三巷 8 号
电话：0755-27851661 / 27851665 传真：0755-27851665

邮政编码：518133
<http://www.nbtmi.com>



SA1-(*)-SC
thermocouple with
spool cap connector



SA1-(*)-RTC
thermocouple with smp
connector and strain relief



SA1-(*)
thermocouple without connector

SA1 SERIES

Fast Response Thermocouples with Self-Adhesive Backing

- ✔ Patented Spool Caddy
- ✔ Self Adhesive Backing for Easy Installation
- ✔ Better Than 0.3 Second Response Time
- ✔ 1 m (40") or 2 m (80") Color-Coded PFA Teflon® Insulated Leads
- ✔ Rated to 175°C (350°F) Long Term
- ✔ Available in J, K, T, and E Calibrations

OMEGA's self-adhesive thermocouples have now been expanded to include the popular miniature connector with our patented spool caddy. The spool caddy provides a convenient way to store the thermocouple wire that is not needed for the application.

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Specifications

Thermocouple Calibrations: J (Iron-Constantan), K (CHROMEGA®-ALOMEGA®), T (Copper Constantan), E (CHROMEGA®-Constantan)

Adhesive: Silicon based cement

Maximum Temperature: 175°C (350°F) continuous

Minimum Temperature: -60°C (-75°F) continuous

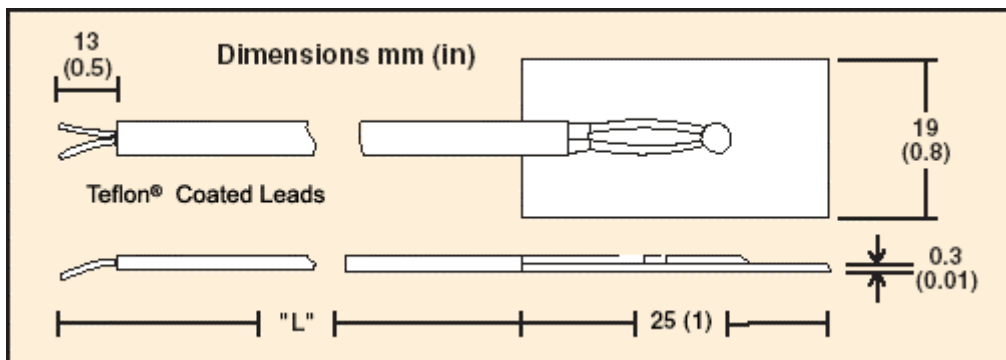
Dimensions: 25 L x 19 W x 0.3 mm (1 x 0.8 x 0.01")

Laminates: High temperature polymer, and fiberglass reinforced polymer layers

Wire: 30 AWG PFA Teflon® coated

Model No.-ANSI Color Code			Wire Gage	Length meter(in)	Insulation
Thermocouple with Stripped Leads	Thermocouple with Spool Connector	Thermocouple with Cap SMP connector and Strain Relief			
SA1-J	SA1-J-SC	SA1-J-SRTC	30	1 (40)	Teflon®
SA1-K	SA1-K-SC	SA1-K-SRTC	30	1 (40)	Teflon®
SA1-T	SA1-T-SC	SA1-T-SRTC	30	1 (40)	Teflon®
SA1-E	SA1-E-SC	SA1-E-SRTC	30	1 (40)	Teflon®
SA1-J-72	SA1-J-72-SC	SA1-J-72-SRTC	30	2 (80)	Teflon®
SA1-K-72	SA1-K-72-SC	SA1-K-72-SRTC	30	2 (80)	Teflon®
SA1-T-72	SA1-T-72-SC	SA1-T-72-SRTC	30	2 (80)	Teflon®
SA1-E-72	SA1-E-72-SC	SA1-E-72-SRTC	30	2 (80)	Teflon®

Note: 2 m (80") is the longest length available with spool caddy.



Part Number	Description
Thermocouple with Stripped Leads	
SA1-J	J Type Thermocouple, 36" long, stripped ends, 5 pack
SA1-K	K Type Thermocouple, 36" long, stripped ends, 5 pack
SA1-T	T Type Thermocouple, 36" long, stripped ends, 5 pack
SA1-E	E Type Thermocouple, 36" long, stripped ends, 5 pack

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SA1-J-72	J Type Thermocouple, 72" long, stripped ends, 5 pack
SA1-K-72	K Type Thermocouple, 72" long, stripped ends, 5 pack
SA1-T-72	T Type Thermocouple, 72" long, stripped ends, 5 pack
SA1-E-72	E Type Thermocouple, 72" long, stripped ends, 5 pack
SA1-J-120	J Type Thermocouple, 120" long, stripped ends, 5 pack
SA1-K-120	K Type Thermocouple, 120" long, stripped ends, 5 pack
SA1-T-120	T Type Thermocouple, 120" long, stripped ends, 5 pack
SA1-E-120	E Type Thermocouple, 120" long, stripped ends, 5 pack

Thermocouple with SMP connector and Strain Relief

SA1-J-SRTC	J Type Thermocouple with molded strain relief & SMP male connector
SA1-K-SRTC	K Type Thermocouple with molded strain relief & SMP male connector
SA1-T-SRTC	T Type Thermocouple with molded strain relief & SMP male connector
SA1-E-SRTC	E Type Thermocouple with molded strain relief & SMP male connector

Thermocouple with Spool Cap Connector

SA1-J-SC	J Type Thermocouple, 36" long, stripped ends with spool cap connector, 5 pack
SA1-K-SC	K Type Thermocouple, 36" long, stripped ends with spool cap connector, 5 pack
SA1-T-SC	T Type Thermocouple, 36" long, stripped ends with spool cap connector, 5 pack
SA1-E-SC	E Type Thermocouple, 36" long, stripped ends with spool cap connector, 5 pack
SA1-J-72-SC	J Type Thermocouple, 72" long, stripped ends with spool cap connector, 5 pack
SA1-K-72-SC	K Type Thermocouple, 72" long, stripped ends with spool cap connector, 5 pack
SA1-T-72-SC	T Type Thermocouple, 72" long, stripped ends with spool cap connector, 5 pack
SA1-E-72-SC	E Type Thermocouple, 72" long, stripped ends with spool cap connector, 5 pack

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