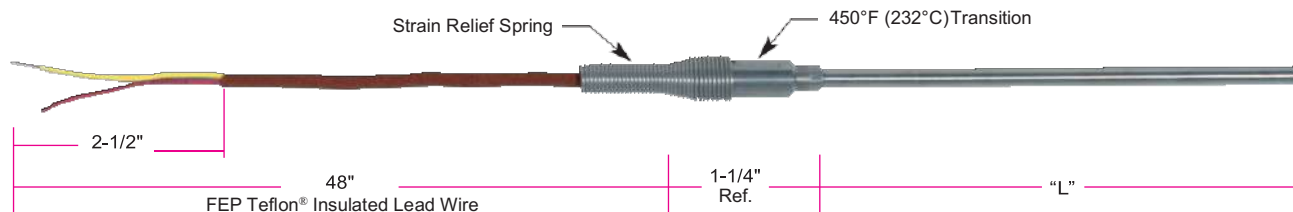




Style SMTA1 — Transition to Lead Wire (Stock)



Ordering a Stock SMTA1 Thermocouple

(Thermocouples not available from stock can be custom manufactured (CMTA1)—see page next page)

HK stocks **SMTA1 style Thermocouples** in type J and K in the standard lengths listed in the following two tables. These thermocouples have Teflon[®] insulated leads with a 2-1/2" split lead termination.

Order a stock unit from the tables after completing the ordering code with the Junction Type Code from Box 5 and Optional Compression Fitting Code from Box 6 below.

Type J — 316 SS Sheath

Diameter	"L" Dimension			
	6"	12"	18"	24"
0.063"	SMTA1-JD06B <input type="checkbox"/>	SMTA1-JD12B <input type="checkbox"/>	SMTA1-JD18B <input type="checkbox"/>	SMTA1-JD24B <input type="checkbox"/>
0.125"	SMTA1-JF06B <input type="checkbox"/>	SMTA1-JF12B <input type="checkbox"/>	SMTA1-JF18B <input type="checkbox"/>	SMTA1-JF24B <input type="checkbox"/>
0.250"	SMTA1-JH06B <input type="checkbox"/>	SMTA1-JH12B <input type="checkbox"/>	SMTA1-JH18B <input type="checkbox"/>	SMTA1-JH24B <input type="checkbox"/>

Type K — 316 SS Sheath

Diameter	"L" Dimension			
	6"	12"	18"	24"
0.063"	SMTA1-KD06B <input type="checkbox"/>	SMTA1-KD12B <input type="checkbox"/>	SMTA1-KD18B <input type="checkbox"/>	SMTA1-KD24B <input type="checkbox"/>
0.125"	SMTA1-KF06B <input type="checkbox"/>	SMTA1-KF12B <input type="checkbox"/>	SMTA1-KF18B <input type="checkbox"/>	SMTA1-KF24B <input type="checkbox"/>
0.250"	SMTA1-KH06B <input type="checkbox"/>	SMTA1-KH12B <input type="checkbox"/>	SMTA1-KH18B <input type="checkbox"/>	SMTA1-KH24B <input type="checkbox"/>

Stock Modification for Fast Delivery

Above stocked items can be cut to desired length and terminated with any standard termination for fast delivery. To order a probe length not listed in the tables above, complete the Code Number below.

Ordering Code: **SMTA1** - 1 2 3 4 5 6

Calibration BOX 1
ANSI Standard Tolerances **J K**

Diameter BOX 2
D = .063"
F = .125"
H = .250"

"L" Dimension BOX 3
06", 12", 18", 24" Stock Lengths
For other lengths, specify in inches.

Termination BOX 4

B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack

See page 14-9 for Termination Style descriptions

Junction BOX 5

G = Grounded
U = Ungrounded
E = Exposed

Optional Compression Fitting BOX 6

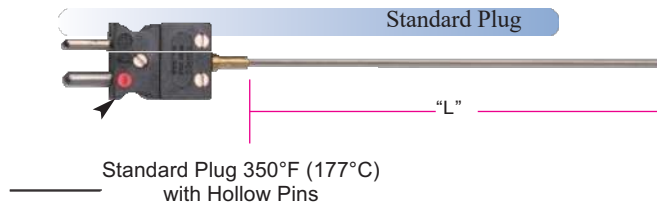
1 = 1/8" NPT SS
2 = 1/4" NPT SS
3 = 1/2" NPT SS
0 = None Required
4 = 1/8" NPT Brass
5 = 1/4" NPT Brass
6 = 1/2" NPT Brass



Optional Installation
Compression Fitting
See Box 6



Style MTA2 Plug Termination (Stock)



Ordering a Stock SMTA2 Thermocouple

(Thermocouples not available from stock can be custom manufactured—see page HK_CMTA2)

HK stocks **SMTA2 style Thermocouples** in type J and K in the standard lengths listed in the following two tables. These thermocouples have a standard Male Plug Termination.

Order a stock unit from the tables after completing the ordering code with the Junction Type Code from Box 4 and Optional Compression Fitting Code from Box 5 below.

Type J — 316 SS Sheath

Diameter	“L” Dimension			
	6"	12"	18"	24"
0.063"	SMTA2-JD06 <input type="checkbox"/>	SMTA2-JD12 <input type="checkbox"/>	SMTA2-JD18 <input type="checkbox"/>	SMTA2-JD24 <input type="checkbox"/>
0.125"	SMTA2-JF06 <input type="checkbox"/>	SMTA2-JF12 <input type="checkbox"/>	SMTA2-JF18 <input type="checkbox"/>	SMTA2-JF24 <input type="checkbox"/>

Type K — 316 SS Sheath

Diameter	“L” Dimension			
	6"	12"	18"	24"
0.063"	SMTA2-KD06 <input type="checkbox"/>	SMTA2-KD12 <input type="checkbox"/>	SMTA2-KD18 <input type="checkbox"/>	SMTA2-KD24 <input type="checkbox"/>
0.125"	SMTA2-KF06 <input type="checkbox"/>	SMTA2-KF12 <input type="checkbox"/>	SMTA2-KF18 <input type="checkbox"/>	SMTA2-KF24 <input type="checkbox"/>

Stock Modification for Fast Delivery

Above stocked items can be cut to desired length and junctioned for fast delivery. To order a probe length not listed in the tables above, complete the Code Number

Ordering Code: **SMTA2** - 1 2 3 4 5

Calibration BOX 1
ANSI Standard Tolerances **J K**

Diameter BOX 2
D = .063"
F = .125"

“L” Dimension BOX 3
06", 12", 18", 24" Stock Lengths
For other lengths specify in inches.

Junction BOX 4
G = Grounded
U = Ungrounded
E = Exposed

Optional Compression Fitting BOX 5
1 = 1/8" NPT SS **4** = 1/8" NPT Brass
2 = 1/4" NPT SS **5** = 1/4" NPT Brass
3 = 1/2" NPT SS **6** = 1/2" NPT Brass
0 = None Required



**Optional Installation
Compression Fitting**
See Box 5



Style SMTA4 - Stripped Cold End (Stock)



Design Features

- Standard strip length is 1/2 inch.
- Stripped end sealed with resin to inhibit moisture penetration.

Ordering a Stock SMTA-4 Thermocouple

(Thermocouples not available from stock can be custom manufactured—see page HK_CMTA4)

HK stocks **SMTA-4 style Thermocouples** in type J and K in the standard lengths listed in the following two tables. These thermocouples have a 1/2-inch strip length.

Order a stock unit from the tables after completing the ordering code with the Junction Type Code from Box 4 and Optional Compression Fitting Code from Box 5 below.

Stock Type J — 316 SS Sheath

Diameter	"L" Dimension			
	7"	13"	19"	25"
0.063"	SMTA4JD0 <input type="checkbox"/>	SMTA4JD13 <input type="checkbox"/>	SMTA4JD19 <input type="checkbox"/>	SMTA4JD25 <input type="checkbox"/>
0.125"	SMTA4JF0 <input type="checkbox"/>	SMTA4JF13 <input type="checkbox"/>	SMTA4JF19 <input type="checkbox"/>	SMTA4JF25 <input type="checkbox"/>
0.188"	SMTA4JG0 <input type="checkbox"/>	SMTA4JG13 <input type="checkbox"/>	SMTA4JG19 <input type="checkbox"/>	SMTA4JG25 <input type="checkbox"/>
0.250"	SMTA4JH0 <input type="checkbox"/>	SMTA4JH13 <input type="checkbox"/>	SMTA4JH19 <input type="checkbox"/>	SMTA4JH25 <input type="checkbox"/>

Stock Type K — 316 SS Sheath

Diameter	"L" Dimension			
	7"	13"	19"	25"
0.063"	SMTA4KD07 <input type="checkbox"/>	SMTA4KD13 <input type="checkbox"/>	SMTA4KD19 <input type="checkbox"/>	SMTA4KD25 <input type="checkbox"/>
0.125"	SMTA4KF07 <input type="checkbox"/>	SMTA4KF13 <input type="checkbox"/>	SMTA4KF19 <input type="checkbox"/>	SMTA4KF25 <input type="checkbox"/>
0.188"	SMTA4KG07 <input type="checkbox"/>	SMTA4KG13 <input type="checkbox"/>	SMTA4KG19 <input type="checkbox"/>	SMTA4KG25 <input type="checkbox"/>
0.250"	SMTA4KH07 <input type="checkbox"/>	SMTA4KH13 <input type="checkbox"/>	SMTA4KH19 <input type="checkbox"/>	SMTA4KH25 <input type="checkbox"/>

Stock Modification for Fast Delivery

Above stocked items can be cut to desired length and stripped as required for fast delivery. To order a probe length not listed in the tables above, complete the Code Number below.

Ordering Code: **SMTA4** -

Calibration BOX 1
ANSI Standard Tolerances **J K**

Diameter BOX 2

D = .063"
F = .125"
G = .188"
H = .250"

"L" Dimension BOX 3

07", 13", 19", 25" Stock Lengths
For other lengths specify in inches.

Junction BOX 4

G = Grounded
U = Ungrounded
E = Exposed

Optional Compression Fitting BOX 5

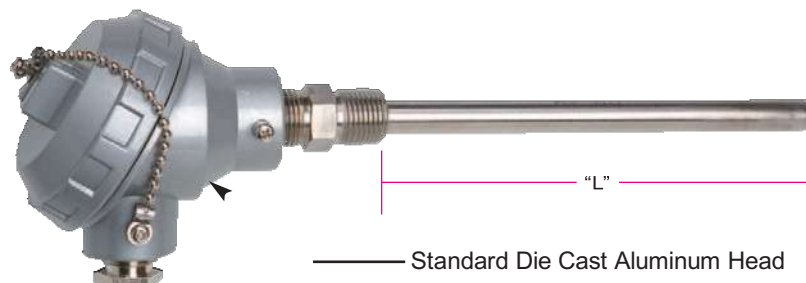
1 = 1/8" NPT SS **4** = 1/8" NPT Brass
2 = 1/4" NPT SS **5** = 1/4" NPT Brass
3 = 1/2" NPT SS **6** = 1/2" NPT Brass
0 = None Required



**Optional Installation
Compression Fitting**
See Box 5



Style SMTA6 Connection Head with 1/2" NPT Hex Nipple (Stock)



Ordering a Stock SMTA6 Thermocouple

(Thermocouples not available from stock can be custom manufactured—see page HK_CMTA6)

HK stocks **SMTA6 style Thermocouples** in type J and K in the standard lengths listed in the following two tables. These thermocouples have a 1/2" NPT SS process connection with a standard die cast aluminum head (Type A)
Order a stock unit from the tables after completing the ordering code with the Junction Type Code from Box 4 below.

Stock Type J — 316 SS Sheath

Diameter	"L" Dimension			
	6"	12"	18"	24"
0.125"	SMTA6JF06 <input type="checkbox"/>	SMTA6JF12 <input type="checkbox"/>	SMTA6JF18 <input type="checkbox"/>	SMTA6JF24 <input type="checkbox"/>
0.188"	SMTA6JG06 <input type="checkbox"/>	SMTA6JG12 <input type="checkbox"/>	SMTA6JG18 <input type="checkbox"/>	SMTA6JG24 <input type="checkbox"/>
0.250"	SMTA6JH06 <input type="checkbox"/>	SMTA6JH12 <input type="checkbox"/>	SMTA6JH18 <input type="checkbox"/>	SMTA6JH24 <input type="checkbox"/>

Stock Type K — 316 SS Sheath

Diameter	"L" Dimension			
	6"	12"	18"	24"
0.125"	SMTA6KF06 <input type="checkbox"/>	SMTA6KF12 <input type="checkbox"/>	SMTA6KF18 <input type="checkbox"/>	SMTA6KF24 <input type="checkbox"/>
0.188"	SMTA6KG06 <input type="checkbox"/>	SMTA6KG12 <input type="checkbox"/>	SMTA6KG18 <input type="checkbox"/>	SMTA6KG24 <input type="checkbox"/>
0.250"	SMTA6KH06 <input type="checkbox"/>	SMTA6KH12 <input type="checkbox"/>	SMTA6KH18 <input type="checkbox"/>	SMTA6KH24 <input type="checkbox"/>

Stock Modification

Above stocked items can be cut to desired length and junctioned for fast delivery. For lengths other than listed in table above, complete the Code Number below.

Ordering Code: **SMTA6** - ¹ ² ³ ⁴

Calibration BOX 1
ANSI Standard Tolerances **J K**

Diameter BOX 2
F = .125"
G = .188"
H = .250"

"L" Dimension BOX 3
06", 12", 18", 24" Stock Lengths
For other lengths specify in inches.

Junction BOX 4
G = Grounded
U = Ungrounded
E = Exposed