

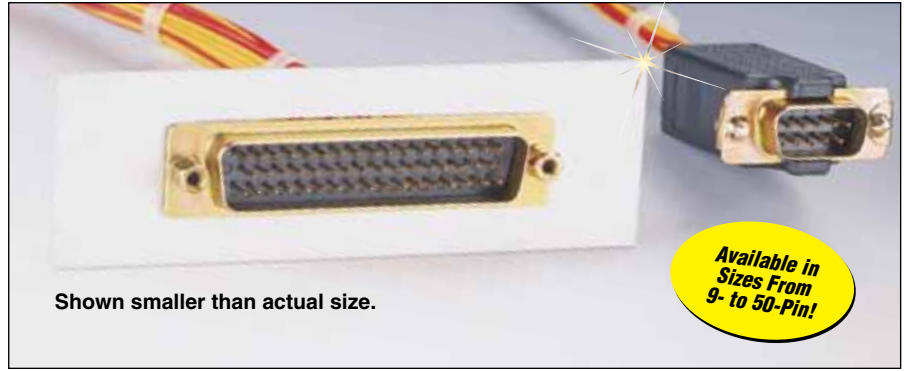
Sub-D Type Connectors

Low Cost Crimp-Style

SM Series Pack of 5

Applications Include

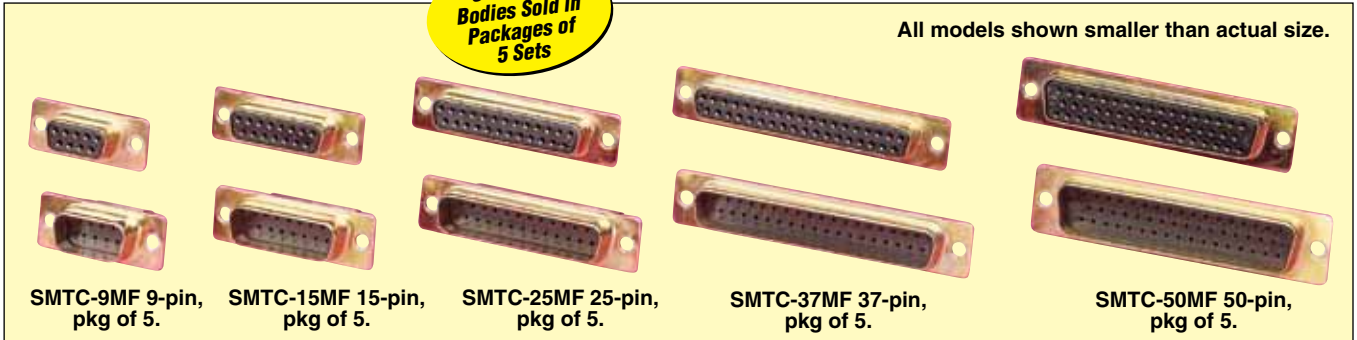
- ✓ Test Labs
- ✓ Automotive Testing
- ✓ Quality Control Stations
- ✓ Profile Probes
- ✓ High Density Applications
- ✓ -55 to 105°C (-67 to 221°F)



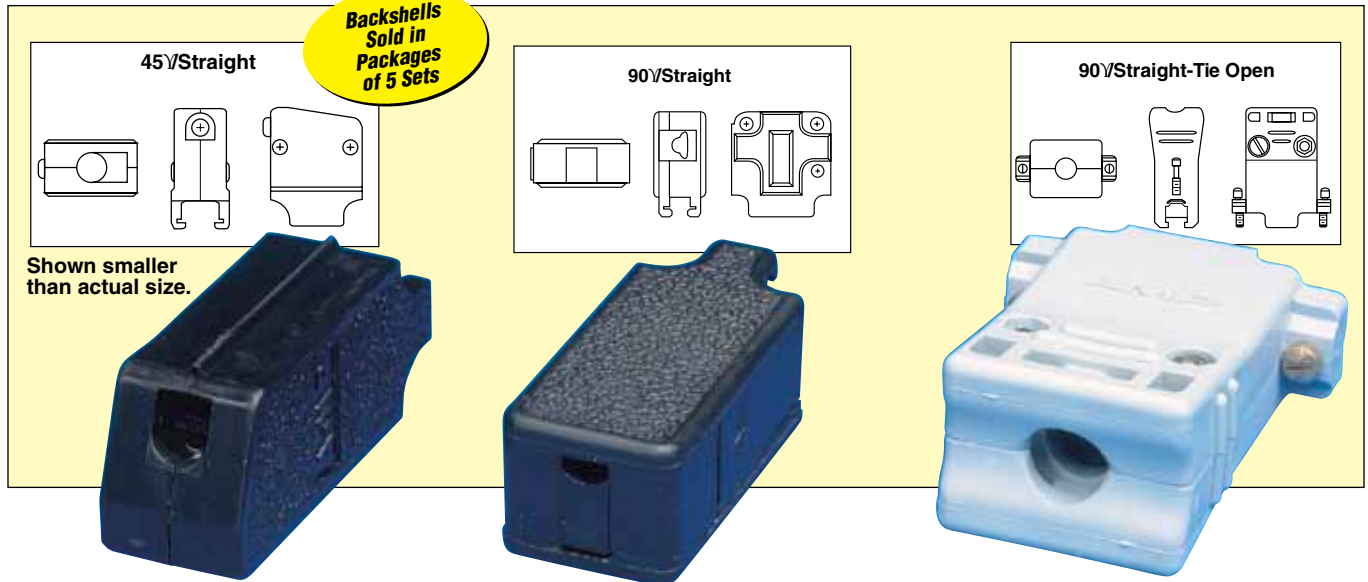
For connector dimensions, visit us online.

Connector Bodies Sold in Packages of 5 Sets

All models shown smaller than actual size.



Backshells Sold in Packages of 5 Sets



45°/Straight		
Model No.	Description	No. of Contacts
SM4-9	45°/straight sub-D backshell	9
SM4-15		15
SM4-25		25
SM4-37		37
SM4-50		50

Ordering Example: SM4-15, 45°/straight sub-D backshell.

90°/Straight		
Model No.	Description	No. of Contacts
SM9-9	90°/straight sub-D backshell	9
SM9-15		15
SM9-25		25
SM9-37		37

Ordering Example: SM9-9, 90°/straight sub-D backshell.

90°/Straight-Tie Open		
Model No.	Description	No. of Contacts
SMT-15	90°/straight tie open sub-D backshell	15
SMT-25S*		25
SMT-25L†		25
SMT-37		37
SMT-50		50

* Max cable Dia. 8.51 mm (0.335")
† Max cable Dia. 11.68 mm (0.460")

Thermocouple Multipins

Low Cost Crimp-Style For Type SM Connectors

SMTC Series Pkg. of 100 Pins or Sockets

OMEGA's exclusive low cost, crimp-style thermocouple alloy pins and sockets set a new industry standard for low cost and high performance. These contacts are available in a number of thermocouple alloys including CHROME[®], ALOMEGA[®], gold-plated Iron, Constantan and Copper. In addition, uncompensated pins and sockets are available from stock. All thermocouple contacts are color-coded for easy identification, and are sold in convenient packages of 100 (four strips of 25). All pins and sockets can be easily wired using OMEGA[®]



SMTC-IR-P male pin.

SMTC-CO-S female socket.

Both models shown 5 times actual size.

thermocouple wire in stranded construction, 20 or 24 gage. Stranded wire is recommended so that electrical connections will have higher reliability. These precision Sub-D connectors are sold in sets of five, each package consisting of 5 male connector bodies and 5 female connector bodies. Sets are available in 9, 15, 25, 37 and 50-pin configurations.

Thermocouple Alloy Pins and Sockets

To Order		
Alloy Type	Male Pins Model No.	Female Sockets Model No.
CHROME [®] (+)	SMTC-CH-P	SMTC-CH-S
ALOMEGA [®] (-)	SMTC-AL-P	SMTC-AL-S
Constantan (-)	SMTC-CO-P	SMTC-CO-S
Copper (+)	SMTC-CU-P	SMTC-CU-S
Iron* (+)	SMTC-IR-P	SMTC-IR-S
Omega-P [®] (+)	SMTC-OP-P	SMTC-OP-S
Omega-N [®] (-)	SMTC-ON-P	SMTC-ON-S

* Gold-plated

Ordering Examples: SMTC-CH-P, one package of 100 CHROME[®] male thermocouple pins and SMTC-CH-S, one package of 100 CHROME[®] female thermocouple sockets.

SMTC-50MF, 50 pin connector bodies.

Connecting Hardware (Not Shown)

Model No.	Description
SMFR	Female screwlock set, 5 sets/pkg.
SMMR	Male screw retainer set, 5 sets/pkg.

To Order: Specify contacts (pins and sockets), connector bodies, backshells, connecting hardware and accessories.

Sub-D Connector Bodies (Male and Female)

Model No.	Description
SMTC-9MF	9-pin connector bodies (pkg. of 5 sets)
SMTC-15MF	15-pin connector bodies (pkg. of 5 sets)
SMTC-25MF	25-pin connector bodies (pkg. of 5 sets)
SMTC-37MF	37-pin connector bodies (pkg. of 5 sets)
SMTC-50MF	50-pin connector bodies (pkg. of 5 sets)

Material	Thermocouple Type (ANSI Symbol)
Iron/Constantan	J
CHROME [®] /ALOMEGA [®]	K
Copper/Constantan	T
CHROME [®] /Constantan	E
Omega-P/Omega-N	N

Discount Schedule	
1-10	Net
11-24	10%
25-99	15%
100-499	20%
500 and over.....	25%

Uncompensated Pins and Sockets

Male Pins Model No.	Female Sockets Model No.
SMTC-BR-P Gold-plated brass	SMTC-PBRZ-S Gold-plated phosphorus bronze

Accessory Tools

Model No.	Description
SM-CTHD	Heavy duty crimping tool
SM-CTE	Economical crimping tool
SM-EX	Insertion/extraction tool

