

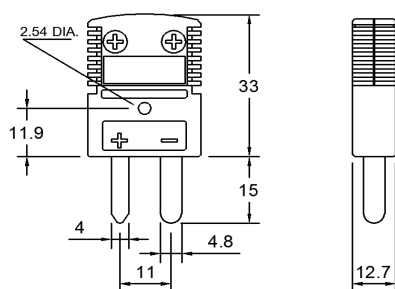


Accessories

Standard & Miniature Connector



Code : OST - F

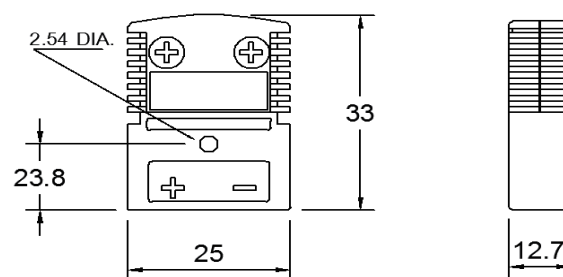


Standard Male

Thermocouple Type	Material
K, J, N, E, R/S	Glass - Filled Nylon

Type	Colour
K	Yellow
J	Black
N	Orange
T	Blue
R/S	Green

Code : OST - M

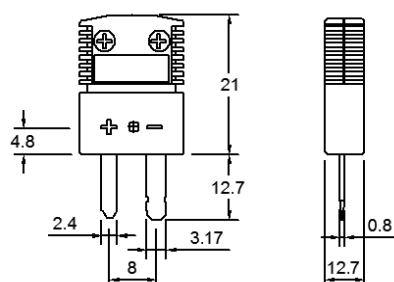


Standard Male

Thermocouple Type	Material
K, J, N, E, R/S	Glass - Filled Nylon



Code : SMP - F

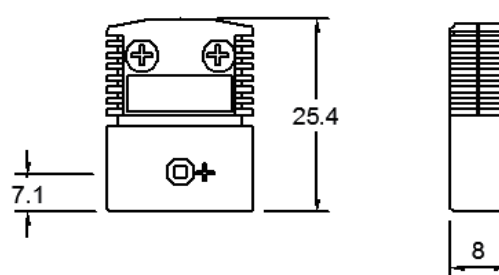


Standard Male

Thermocouple Type	Material
K, J, N, E, R/S	Glass - Filled Nylon

Type	Colour
K	Yellow
J	Black
N	Orange
T	Blue
R/S	Green

Code : SMP- M



Standard Male

Thermocouple Type	Material
K, J, N, E, R/S	Glass - Filled Nylon



Thermocouple

Standard & Miniature Connector

■ Ultra High Temperature

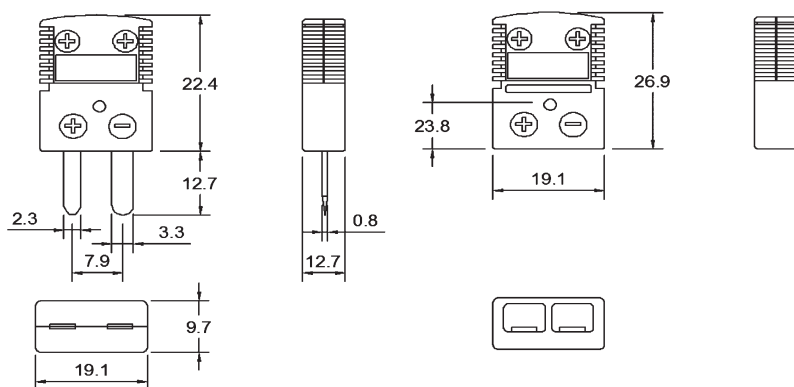
Miniature Connector

OMEGA's Exclusive-High Purity Alumina Body

Type SHX & USHX Rated to 650°C

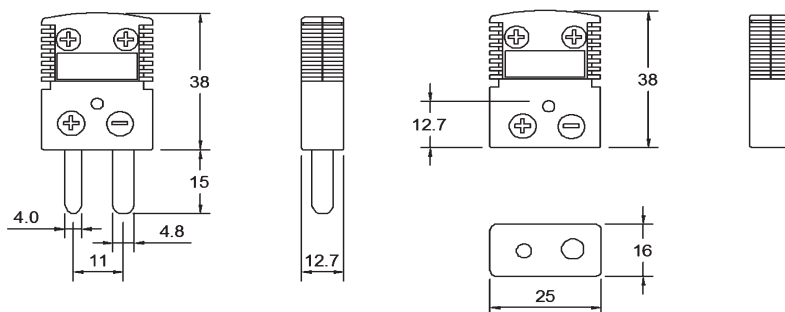


Standard Male & Female	
Thermocouple Type	Material
K, J, N, E, R/S	Ceramic

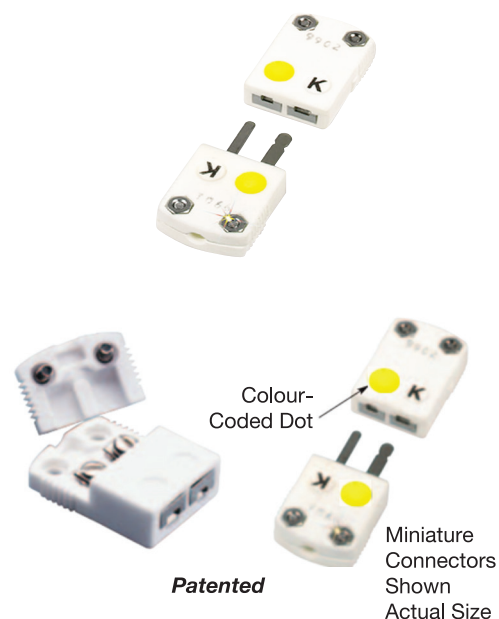


SMP (C) - M, F

Standard Male & Female	
Thermocouple Type	Material
K, J, N, E, R/S	Ceramic



OST (C) - M, F





Accessories

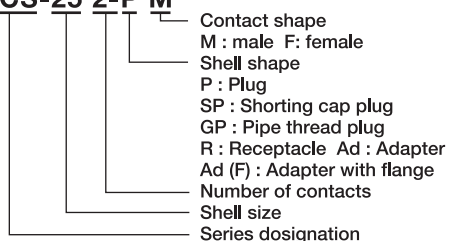
Common accessories and parts

■ NCS Series Connectors

Feature

1. Basic type of round connectors are usable for all kinds of circuits.
2. Solid and simple construction provides mechanical and electrical stability.
3. Thermosetting epoxy resins have been employed for insulators.
4. Seven kinds of shell size and various shell type are available for a variety of applications.

NCS-25 2-P M



Material and Finish

	Material	Finish
Shell	Zinc alloy die casting or Brass	Chrome plating
Insulator	Synthetic resin	
Contact	Copper alloy	Nickel, Silver Gold plating

Cable termination : Soldering

Temperature tolerance level : -40 °C to +120 °C

■ Plug



S Type	Number of Contacts	A	B
NCS-14*-P	1	17.5	41.0
NCS-14*-P	2	17.5	42.5
NCS-16*-P	1	21.5	43.5
NCS-16*-P	2, 3, 4	21.5	44.5
NCS-25*-P	2, 3, 4, 5, 6, 7, 8	28.5	50
NCS-30*-P	2, 3, 4, 5, 6, 7, 7H 8, 13	34	55
NCS-40*-P	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	46	69
NCS-50*-P	2, 3	57	100
NCS-50*-P	4, 8, 10, 15, 25	57	90
NCS-60*-P	2, 3, 4	67	115
NCS-60*-P	10, 15, 30, 32, 40	67	105



G Type	Number of Contacts	A	B
NCS-14*-PM	2, 3	21.5	44.5
NCS-25*-PM	2, 3, 4, 5, 6, 7	28.5	50.5
NCS-30*-PM	2, 3, 4, 5, 6, 7, 8	34	57
NCS-44*-PM	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	52	70
NCS-54*-PM	2, 3	65	112
NCS-54*-PM	4, 8, 10, 15, 25	65	102
NCS-64*-PM	2, 3, 4	78	116
NCS-60*-PM	10, 15, 30, 32	67	107

■ Receptacle

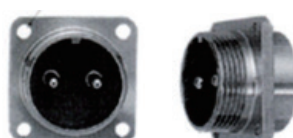


S Type	Number of Contacts	A	B	D	E
NCS-14*-R	1	14	27.5	23	31
NCS-14*-R	2	14	24	23	31
NCS-16*-R	1	16	27.5	24	32
NCS-16*-R	2, 3, 4	16	23	24	32
NCS-25*-R	2, 3, 4, 5, 6, 7, 8	25	26	34	42
NCS-30*-R	2, 3, 4, 5, 6, 7, 7H 8, 13	30	29	38	46
NCS-40*-R	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	41	36	50	58
NCS-50*-R	4, 8, 10, 15, 25	50	45	60	68



G Type	Number of Contacts	A	B	D	E
NCS-16*-R	2, 3	16	23.5	24	32
NCS-25*-R	2, 3, 4, 5, 6, 7	25	27	34	42
NCS-30*-R	2, 3, 4, 5, 6, 7, 8	30	30	38	46
NCS-44*-R	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	44	41	56	64

■ Receptacle (Square Flange)



S Type	Number of Contacts	A	B	D	E	V
NCS-25*-R(Square)	2, 3, 4, 5, 6, 7, 8	25	2.0	24	31	3.5
NCS-50*-R	2, 3	50	54	48	60	5.5
NCS-50*-R(Square)	2, 3, 4, 5, 6, 7, 8	50	45.0	48	60	
NCS-60*-R	2, 3, 4	60	56	56	70	
NCS-60*-R	10, 15, 30, 32, 40	60	43	56	70	



Accessories

Common Accessories & Part

■ NCS Series Connectors

Adapter (Jack)



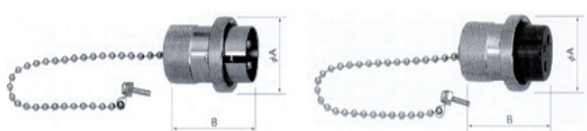
S Type	Number of Contacts	A	B
NCS-14*-Ad	1, 2	17,5	41,0
NCS-16*-Ad	1, 2, 3, 4	17,5	42,5
NCS-25*-Ad	2, 3, 4, 5, 6, 7, 8	21,5	43,5
NCS-30*-Ad	2, 3, 4, 5, 6, 7, 7H 8,13	21,5	44,5
NCS-40*-Ad	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	28,5	50
NCS-50*-Ad	2, 3	34	55
NCS-50*-Ad	4, 8, 10, 15, 25	46	69
NCS-60*-Ad	2, 3, 4	57	100
NCS-60*-Ad	10, 15, 30, 32, 40	57	90



G Type	Number of Contacts	A	B
NCS-16*-AdF	2, 3	21,5	44,5
NCS-25*-AdF	2, 3, 4, 5, 6, 7	28,5	50,5
NCS-30*-AdF	2, 3, 4, 5, 6, 7, 8	34	57
NCS-44*-AdF	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	52	70
NCS-54*-AdF	2, 3	65	112
NCS-54*-AdF	4, 8, 10, 15, 25	65	102
NCS-64*-AdF	2, 3, 4	78	116
NCS-60*-AdF	10, 15, 30, 32	67	107

■ Receptacle (Square Flange)

Shorting cap plug



S Type	Number of Contacts	A	B
NCS-25*-SP	2, 3, 4, 5, 6, 7, 8	28,5	38
NCS-30*-SP	2, 3, 4, 5, 6, 7, 7H, 8, 13	34	41
NCS-40*-SP	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	46	56
NCS-50*-SP	2, 3	57	82
NCS-50*-SP	4, 8, 10, 15, 25	57	72
NCS-60*-SP	2, 3, 4	67	83
NCS-60*-SP	10, 15, 30, 32	67	73

G Type	Number of Contacts	A	B
NCS-25*-SPM	2, 3, 4, 5, 6, 7	28,5	38,5
NCS-30*-SPM	2, 3, 4, 5, 6, 8	34	43
NCS-40*-SPM	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	52	57
NCS-50*-SPM	2, 3	65	91
NCS-50*-SPM	4, 8, 10, 15, 25	65	81
NCS-60*-SPM	2, 3, 4	78	96
NCS-60*-SPM	10, 15, 30, 32	67	75



Adapter with flange (Panel Jack)

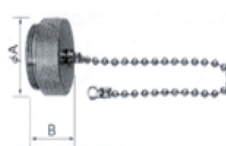


S Type	Number of Contacts	A	B	E
NCS-16*-Ad(F)	1, 2, 3, 4	49	28	37
NCS-25*-Ad(F)	2, 3, 4, 5, 6, 7, 8	57	35	42
NCS-30*-Ad(F)	2, 3, 4, 5, 6, 7, 7H 8,13	62,5	42	52
NCS-40*-Ad(F)	2, 3, 4, 5, 6, 8, 10, 12, 16, 20	81	56	65



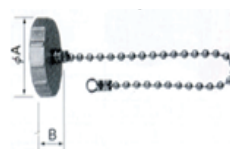
G Type	Number of Contacts	A	B	E
NCS-16*-Ad(F)	2, 3	49	28	37
NCS-25*-Ad(F)	2, 3, 4, 5, 6, 7	57	35	42
NCS-30*-Ad(F)	2, 3, 4, 5, 6, 7, 8	62,5	42	52

Plug cap (PCa)



Shell size	A	B
NCS-14-Pca	18	17
NCS-16-Pca	21,5	18
NCS-25-Pca	28,5	20
NCS-30-Pca	34	23
NCS-40-Pca	46	23
NCS-44-Pca	52	24
NCS-50-Pca	57	39
NCS-54-Pca	65	40
NCS-60-Pca	67	40
NCS-64-Pca	78	40

Receptacle cap (PCa) Also for adapter



Shell size	A	B
NCS-14-Pca	18	17
NCS-16-Pca	21,5	18
NCS-25-Pca	28,5	20
NCS-30-Pca	34	23
NCS-40-Pca	46	23
NCS-44-Pca	52	24
NCS-50-Pca	57	39
NCS-54-Pca	65	40
NCS-60-Pca	67	40
NCS-64-Pca	78	40