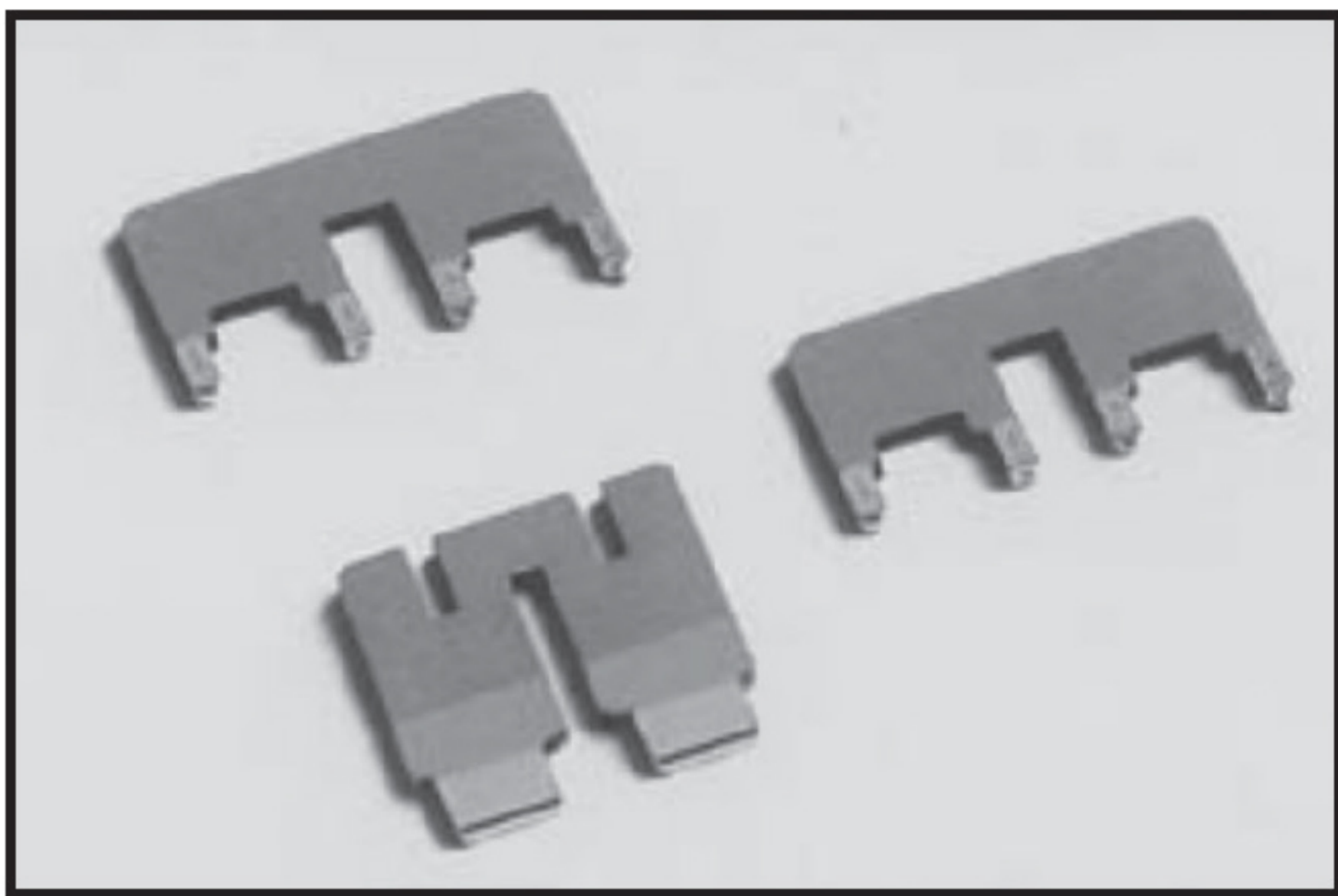


E-Beam Welded Through Hole Precision Shunts

These space saving components feature E-Beam welded construction and full RoHS compliancy. Available in 2-terminal or 4-terminal Kelvin connections. Other features include a 55 ampere continuous operating current and an inductance of less than 10nH.



Current Sensing
Resistors

GENERAL SPECIFICATIONS

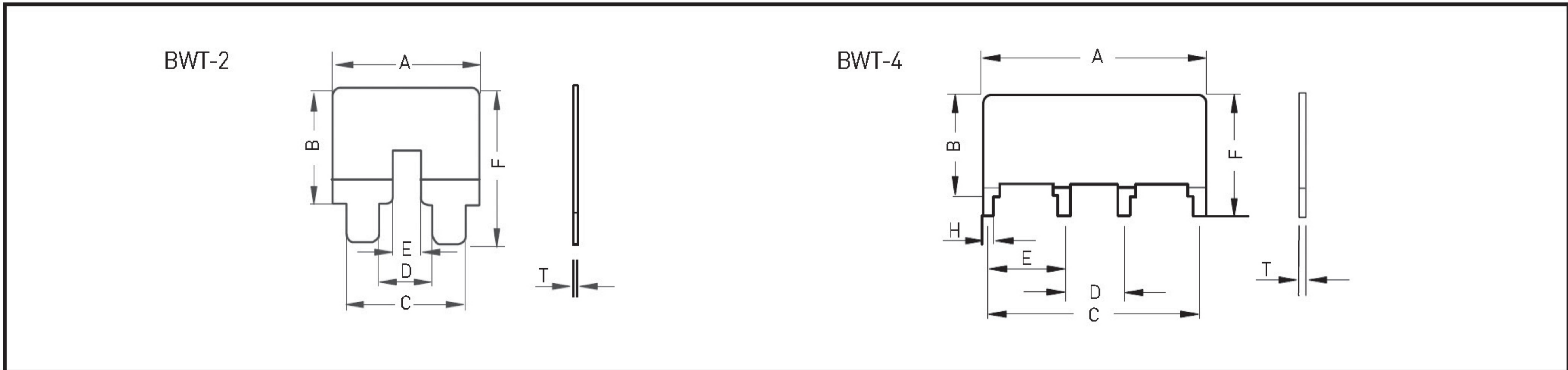
Model	Power Rating[W]	Resistance[Ω]	Tolerance(%)
BWT-2	2	0.001 ~ 0.01	J [±5]
BWT-4	5	0.0005 ~ 0.01	F [±1], J[±5]

CHARACTERISTICS

Values in [] mean change in Ω after test

Test	BWT 2	BWT 4
Temperature Coefficient(-55℃ ~+125℃)	[< 50 ppm/℃]	
Moisture Resistance	[< 0.5%]	[< 1.0%]
Thermal Shock	[< 1.0%]	[< 1.5%]
Temperature Cycle(-55℃ ~125℃ , 1000 hours)	[< 0.5%]	[< 1.0%]
High Temp. Exposure(125℃ , 1000 hours)	[< 1.0%]	[< 1.75%]
Mechanical Shock	[< 0.5%]	[< 1.0%]
Vibration	[< 0.5%]	[< 1.0%]
Solder Heating	[< 0.5%]	[< 1.0%]
Solderability	[Meets-STD-002]	[Meets-STD-002]
Load Life(1000 hours, 70℃)	[< 0.5%]	[< 1.0%]

DIMENSIONS [mm]



Type	A	B	C	D	E	F	H	T±0.05
BWT-2	17.2±0.5	10.0±0.3	15.2±0.2	5.6±0.2	1.2±0.2	13.0±0.3	-	0.32
BWT-4	22.0±0.5	10.8±0.3	20.3±0.2	5.1±0.2	7.6±0.2	14.4±0.3	1.7±0.2	0.35 ~ 1.80

ORDERING PROCEDURE EXAMPLE

