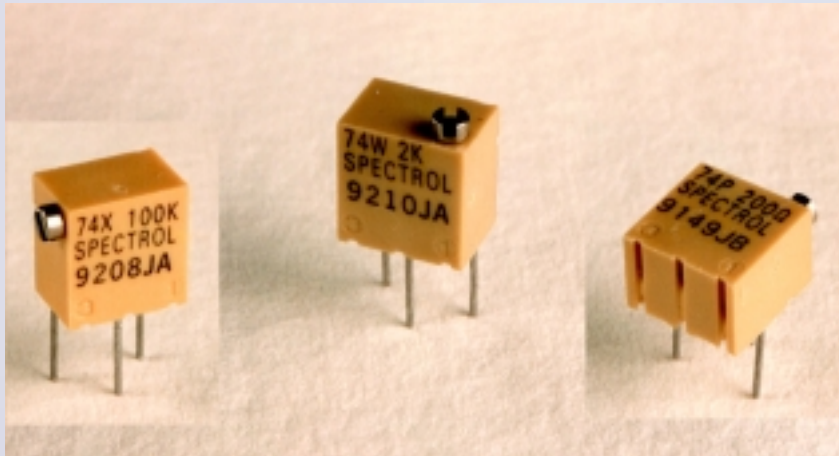


A 1/4" sq (6.35mm) Multiturn Cermert Trimmer

74



The Model 74 is manufactured to meet the highest reliability standards demanded by today's equipment manufacturers. Environmental and performance testing to MIL-STD-202 and MIL-R-22097 ensures these standards are maintained. Available in three pin styles for top or side adjustment and with a range of standard values ranging from 10 ohms to 1 Megohm. With excellent setting stability characteristics an case sealing to 85 degrees for 1 min.

ELECTRICAL

Effective Travel:
12 turns nominal

Resistance Range:
10 Ohms to 1 Megohms

Resistance Tolerance:
±10%

End Resistance:
2 Ohms max.

Temperature Coefficient of Resistance:
±100 ppm/°C

Power Rating:
0.25 watts at 85°C derated linearly to
zero watts at 125°C. Maximum voltage
not to exceed 300 V

Dielectric Withstanding Voltage:
600 VAC

Insulation Resistance:
1000 Megohms minimum (at 500 VDC)

MECHANICAL

Stop:
Contact idles at stops

Operating Torque:
21.2mNm (216gf-cm) max.

Resistance Element:
Cermet

2 Terminal Adjustability:
0.05% of RT

3 Terminal Adjustability:
0.01% of applied voltage

RESISTANCE VALUES

Ohms.- 10R, 20R, 50R, 100R,
200R, 500R, 1K, 2K, 5K, 10K,
20K, 50K, 100K, 200K, 500K, 1M/

MARKING

Unit Identification:
Manufacturer's name and model
number, resistance value and
tolerance, linearity specification date
code and terminal identification.

ENVIRONMENTAL

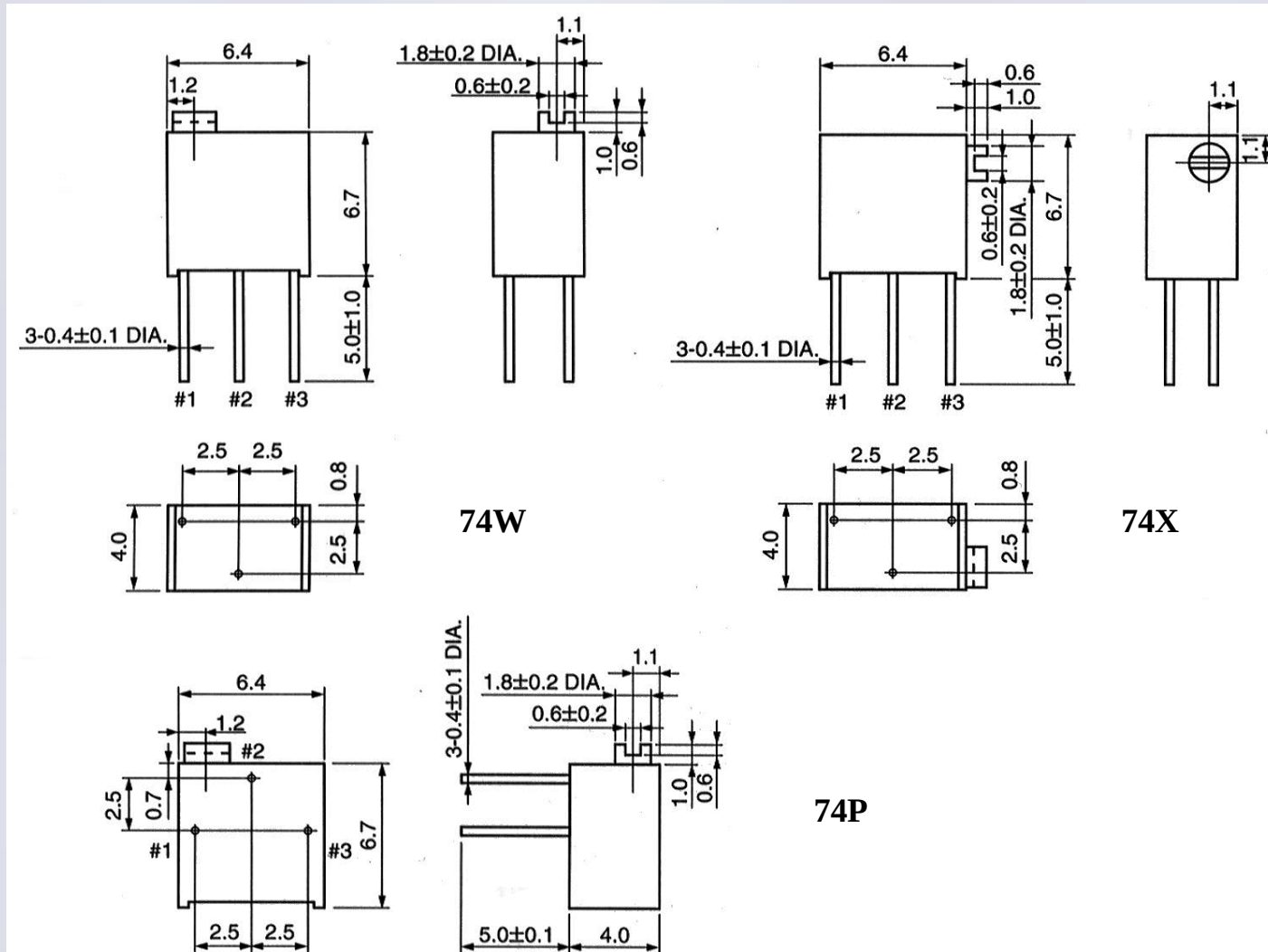
		MAX. CHANGE		RELATED DOCUMENTS
		R	Vab Vac	PER MIL SPEC
Temperature Range:	-55°C to +125°C	1%	1%	MIL-STD-202
Vibration:	20G	1%	1%	MIL-STD-202
Electrical Endurance:	1000 hours	2%	2%	MIL-R-22097
Resistance to Heat:	900 hours	1%	1%	MIL-R-22097
Damp heat steady state:		2%	-	MIL-STD-202
Sealing:	85°C for 1 min	-	-	MIL-R-2297
Mechanical Life:	200 cycles	2%		
Terminal Strength:	2.2lbs(1Kg)	min		

Model 74

A 1/4" sq (6.35mm) Multiturn Cerment Trimmer

74

DIMENSIONS



ORDERING INFORMATION

74

P

XXX

Model
Number

Terminal
Style P, W, X

Resistance Value
EIA Code

STANDARD RESISTANCE VALUES

Res. Ohms	Res. Code
10	100
20	200
50	500
100	101
200	201
500	501
1000*	102*
2000*	202*
5000*	502*
10000*	103*
20000*	203*
50000	504
100000	104
200000	204
500000	504

Preferred Range*

ISO 9001



FM 26189



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