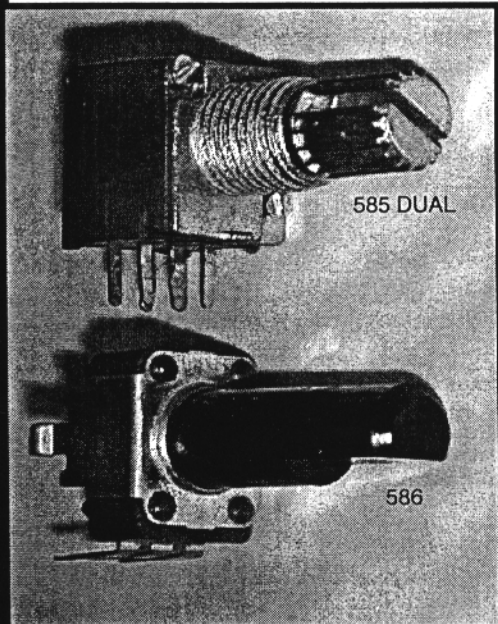


Model 585 & 586

CLAROSTAT



Consumer Potentiometers

Electrical

RESISTANCE RANGE: Linear
Non-Linear

Series 585

500 ohm to 2.0 meg ohm
1.0K-ohm to 1.0meg-ohm

Series 586

500 ohm to 2.0 meg ohm
1.0K-ohm to 1.0meg-ohm

RESISTANCE TOLERANCE:

+/-20% standard

+/-20% standard

LINEARITY: (through 100K-ohm)

+/- 5% Independent

+/- 5% Independent

POWER RATING:

Bushing Mount (Linear Taper)
(Non-Linear Taper)

0.05 Watt @ 40 C
0.025 Watt @ 40 C

Bushing mount not available
Bushing mount not available

PC Mount

0.025 Watt @ 40 C
Derate to 0 Watt @ 100 C

0.025 Watt @ 40 C
Derate to 0 Watt @ 100 C

MINIMUM RESISTANCE:

20 ohm Max. Each End - Linear
20 ohm Max. Low End
1% High End - Non-Linear

20 ohm Max. Each End - Linear
20 ohm Max. Low End
1% High End - Non-Linear

MAX. CONT. WORKING VOLTAGE: 50 VAC

50 VAC

DYNAMIC NOISE (CRV):

<47mV

<47mV

Mechanical

MATERIALS OF CONSTRUCTION:

Shaft - Metal
Bushing - Metal
Body - Plastic (Green)

Shaft - Plastic
Bushing - None

CONSTRUCTION:

Mounting - Bushing or PC
Locating Pin - @ 6 o'clock
Not sealed for washing

Mounting - PC
No locating pin
Not sealed for washing

TERMINALS:

Number - 3 in-line
Strength - 2 lb Push & Pull

Number - 3 in-line
Strength - 2 lb Push & Pull

MECHANICAL ROTATION:

300 deg. +/- 5 deg.

280 deg. +/- 5 deg.

OPERATING TORQUE:

0.2 to 2.5 oz. in. @25C

0.15 to 2.0 oz. in. @25C

STOP TORQUE:

3 in. lbs.

3 in. lbs.

Marking

Ink stamp on periphery or rear

Ink stamp on periphery or rear

Environmental

ROTATIONAL LOAD LIFE:

10,000 cycles

10,000 cycles

- Carbon Composition Element

- Economical Consumer Grade

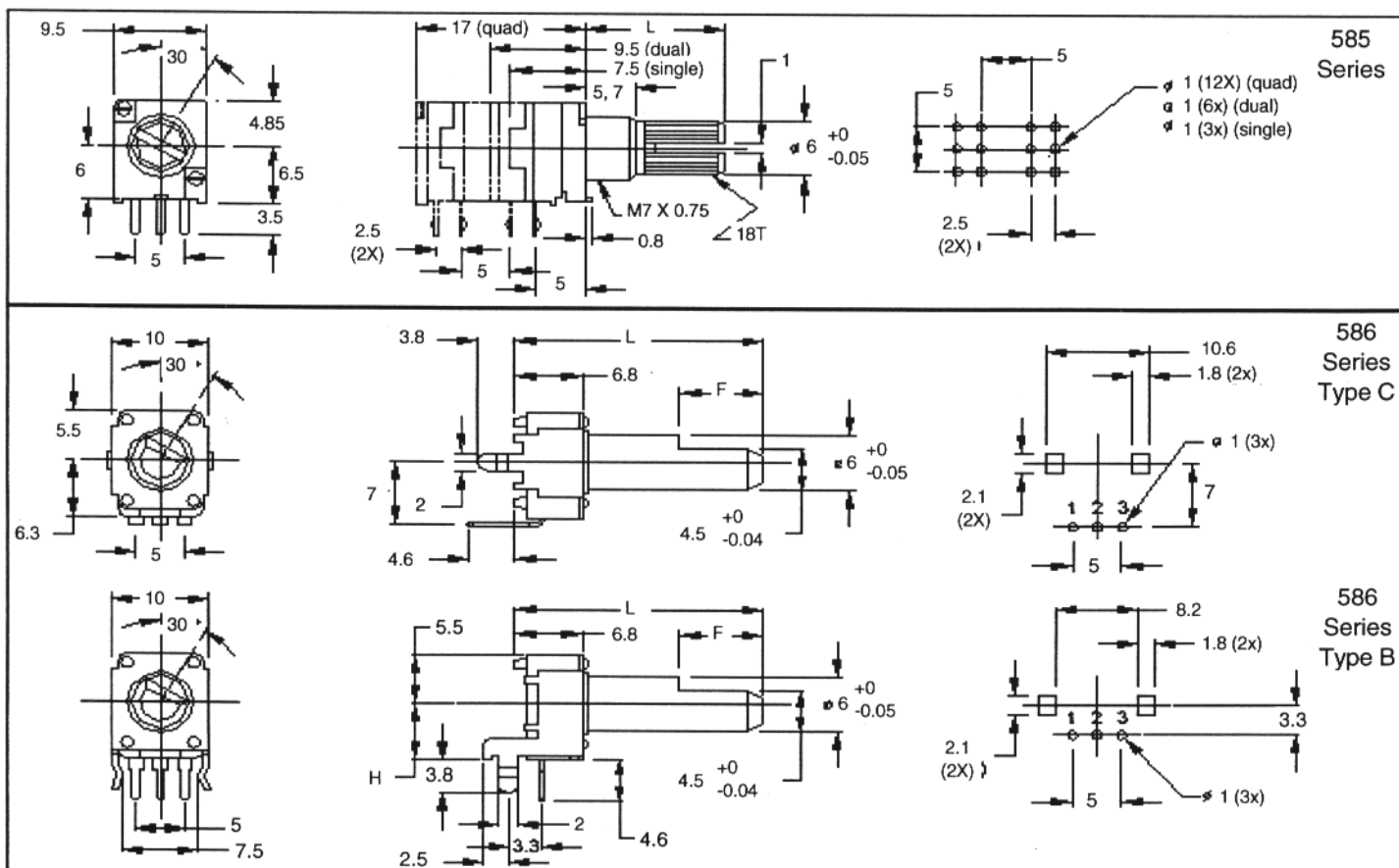
- Compact 9mm Package

FEATURES:

585	586
Panel Mount	Vert. or Horiz. PC Mount
Metal Shaft	Plastic Shaft
1, 2, or 4 Sections	1 Section

ISO 9001
CERTIFIED

DIMENSIONS



ORDERING INFORMATION

When ordering, indicate the desired options as shown in this example:

585	S	X	4	P	25	F	102	S	P
SERIES	NUMBER OF SECTIONS	LOCATING PIN	BUSHING SIZE & SHAFT DIAMETER	SHAFT LENGTH CODES	RESISTANCE CODE	SHAFT STYLE	TAPER	TERMINAL CONFIGURATION	
585 586	Series 585 S: Single D: Dual Q: Quad Series 586 S: Single	585 Series 4: @ 6 o'clock 586 Series X: No Loc. Pin	585 Metal Shaft: 6mm dia. Q: M7x .75 thrd, 7mm lg P: M7x .75 thrd, 5mm lg 586 Plastic Shaft: 6mm dia. X: No bushing	585 Series Code FMS in mm Dim.'s L (F) 15 (7) 20 (12) 25 (12) 30 (12) 35 (12) 586 Series Shaft length from rear of control Dim.'s L (F) *15 (6) 20 (7) 25 (12) 30 (12) **35 *Knurled end not available **Flatted end not available Dim. in parentheses are for flat lengths	EIA code-first two digits are significant, third digit is the no. of zeros. Standard values: 500, 1K, 2.5K 5K, 10K, 25K 50K, 100K, 250K 500K, 1Meg, 2 Meg	585/586 Series S: Slotted F: Flatted K: Knurled	S: Linear, +/- 20% Z: CW Log, +/- 20% R: CCW Log +/- 20% Note: Resistance values above 1 Meg-ohm are +/- 30%	Series 585 P: PC terms 3.5mm lg Series 586 Type B Mounting Height Code L: 6.5mm M: 10mm N: 12.5mm Series 586 Type C Q: Vertical Mount	

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