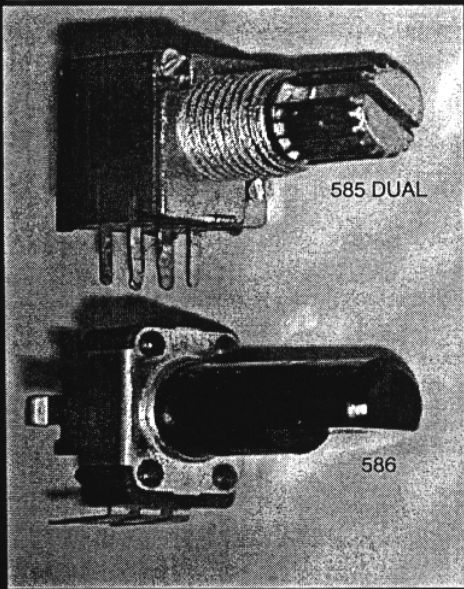


Model 585 & 586

CLAROSTAT



Consumer Potentiometers

Electrical

	Series 585	Series 586
RESISTANCE RANGE: Linear	500 ohm to 2.0 meg ohm	500 ohm to 2.0 meg ohm
Non-Linear	1.0K-ohm to 1.0meg-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)	0.05 Watt @ 40 C	Bushing mount not available
(Non-Linear Taper)	0.025 Watt @ 40 C	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

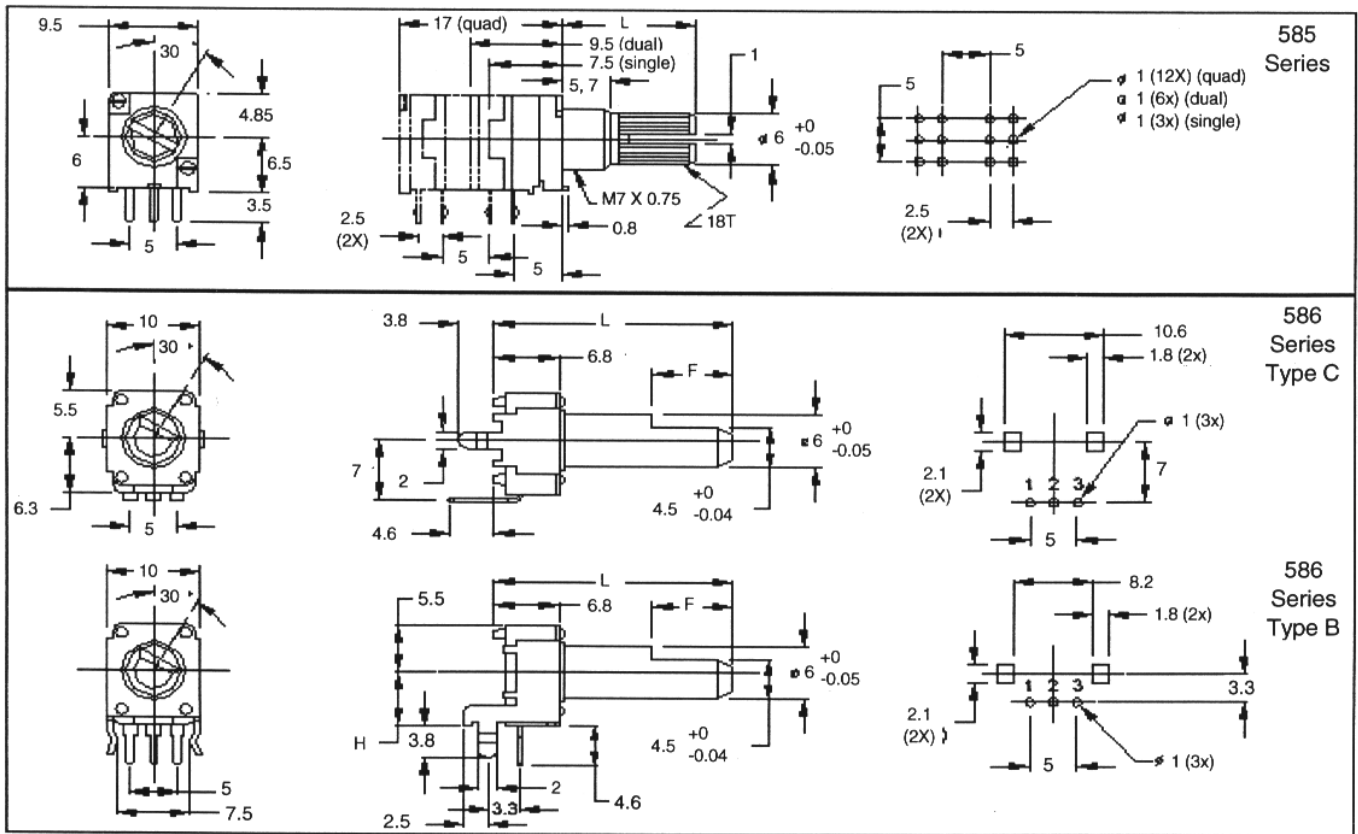
FEATURES:

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

ISO 9001
CERTIFIED

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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 585 586	NUMBER OF SECTIONS <i>Series 585</i> S: Single D: Dual Q: Quad <i>Series 586</i> S: Single	LOCATING PIN <i>585 Series</i> 4: @ 6 o'clock <i>586 Series</i> X: No Loc. Pin	BUSHING SIZE & SHAFT DIAMETER <i>585</i> Metal Shaft: 6mm dia. Q: M7x .75 thrd, 7mm lg P: M7x .75 thrd, 5mm lg <i>586</i> Plastic Shaft: 6mm dia. X: No bushing	SHAFT LENGTH CODES <i>585 Series</i> Code FMS in mm Dim.'s L (F) 15 (7) 20 (12) 25 (12) 30 (12) 35 (12) <i>586 Series</i> 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	RESISTANCE CODE 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	SHAFT STYLE <i>585/586 Series</i> S: Slotted F: Flatted K: Knurled	TAPER S: Linear, +/- 20% Z: CW Log, +/- 20% R: CCW Log +/- 20% Note: Resistance values above 1 Meg-ohm are +/- 30%	TERMINAL CONFIGURATION <i>Series 585</i> P: PC terms 3.5mm lg <i>Series 586 Type B</i> Mounting Height Code L: 6.5mm M: 10mm N: 12.5mm <i>Series 586 Type C</i> Q: Vertical Mount	



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