

TP7- CARBON

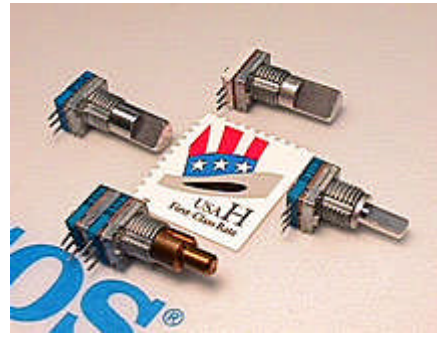
Features:

TP7 miniature design provides for audio design applications.

.307" wide and .380" high envelope.

Ideal for hand held communication applications, hand held measuring instrumentation, and audio mixing systems

Note: The TP7 panel controls are **NOT** board washable.



Styles: Right Angle - Please click selected item to see drawing.

[TP76N00 Single pot, Single shaft \(PDF 29k\)](#)

[TP76N00N Single pot, Single shaft with rotary switch \(PDF 27k\)](#)

[TP76G00 Dual pots, Single shaft \(PDF 10k\)](#)

[TP76G00N Dual pots, Single shaft with Rotary Switch \(PDF 29k\)](#)

[TP76D00 Dual pots, Dual shaft \(PDF 29k\)](#)

[TP76D00N Dual pots, Dual shaft with Rotary Switch \(PDF 29k\)](#)

[TP76D96E20 Dual pots, Dual shaft with Encoder \(PDF 29k\)](#)

[TP76T00 Triple pots, Single shaft \(PDF 28k\)](#)

[TP76Q00 Quad pot, Single shaft \(PDF 30k\)](#)

[TP76H00 Quad pot, Dual shaft \(PDF 26K\)](#)

[TP76H00N Quad pot, Dual shaft with Rotary Switch \(PDF 32k\)](#)

ELECTRICAL	ENVIRONMENTAL
RESISTANCE RANGE 1K, 2K, 5K,10K, 20K, 50K, 100K, 200K, 500K (K = 1,000 Ohms)	TEMPERATURE RANGE - 20°C to + 70°C
RESISTANCE TOLERANCE +20%	SOLDERING HEAT 3 sec. @ 350°C, T/R Max ±1%
RESISTANCE TAPER..... A, B, C, D, W	ROTATIONAL LIFE 15,000 ?200 cycles on 600 r.p.h. w/o load: ?15% max.
END RESISTANCE50 Ohm Max for 300?Rotation Types, 20 Ohm for all other rotational styles	TRACKING ERROR.. Volume Control.....?3 db at 0 to -40 db

	Tone Control.....2 db at 50% of rotational angle
NOISE (C.R.V.)100mV Max.	MECHANICAL
INSULATION RESISTANCE 100 M ohm DC@ 250 V	ADJUSTMENT TRAVEL300??5? Nominal
DIELECTRIC STRENGTH.....1 MINUTE AC @ 300V	TORQUE20 to 200 gf.cm (2.8 OZ-IN) Max
POWER RATING 0.05 Watt 50°C, 0 Watt at 70°C	STOP STRENGTH0.5 Kgf.cm (6.9 OZ-IN) Min
WORKING VOLTAGE8V DC, 40V AC	MARKING Resistance Value & Date Code
Specifications are subject to change without notice	

Example: TP76D00N 20S A103 = Side adjust, dual unit, dual shaft, audio taper 103 ohms
Example: TP76N00 15S B503= Side Adjust, single unit, single shaft, linear taper, 503 ohms

TP	7	6	N	00	N	20	S	A	103	Resistance Tolerance: ? 20% Standard Resistance Code: Expressed in ohms i.e. 101=100 ohms, 102=1,000 ohms, 104=100,000 ohms
*	*	*	*	*	*	*	*	*	*	Congratulations! Your part number is TP76N00N 20S A B103 This TP7 has 300?electrical travel, single unit, single shaft, no special combinations, has a rotary switch, 20mm long shaft, screw driver slot, audio taper, and Ohmic value of 10,000 ohms, with a resistance tolerance of ?20% Now that wasn't so bad, was it?
*	*	*	*	*	*	*	*	*	Taper ->	Resistance Taper: B = Linear, A = Audio TP76N00N 15S A: This part now has an audio taper
*	*	*	*	*	*	*	*	*	Shaft Type -->	Shaft type: S = Screw driver slot, F = Flat TP76N00N 15S: now you added a screw driver slot
*	*	*	*	*	*	*	Shaft length->			Shaft length: (measured from part front face to end of shaft. Flat also available) 10S = 10mm 10S = 15mm 10S = 20mm TP76N00N 20: has 300?electrical travel, single unit, single shaft, no special combinations, rotary switch,20mm long shaft.
*	*	*	*	*	*	Switch-->				Switch Type: This where you add a switch function or leave blank for no switch. Blank = No switch A = Momentary push on (tactile feel) N = Rotary

							TP76N00N: has 300?electrical travel, single unit, single shaft, no special requirements, with a rotary switch
*	*	*	*	*	Combinations--->		Combinations - accessories 00 = None - "00" must be used in part number TP76D00: has 300?electrical travel, dual unit, single shaft, no special combinations,
*	*	*	*	Part structure----->			Physical part structure N = Single unit, single shaft G = Dual unit, single shaft D = Dual unit, dual shaft TP76N: has 300?electrical travel, single unit, single shaft
*	*	*	Electrical travel function--->				This tells us electrical travel 6 - 300?? 5?travel 7 - 120??5?travel 8 - 180??5? travel TP76: has 300??5?electrical travel
*	*	7mm (size)----->				TP7: defines part size	
*	TOCOS Model name -->					TP7: Series	