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.

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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)

11

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

	Tone Control2 db at 50% of rotational angle					
NOISE (C.R.V.)100mV Max.	MECHANICAL					
INSULATION RESISTANCE 100 M ohm DC@ 250 V	ADJUSTMENT TRAVEL					
DIELECTRIC STRENGTH1 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

ТР	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 >		Type >	Shaft type: S = Screw driver slot, F = Flat TP76N00N 15S:now you added a screw driver slot
*	*	*	*	*	*	*	Shaft length->		h->	 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 www.DataSheet4U.com

							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
/w.DataSh	eet4U. *	com *	*		Elec	ctrical 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	n (size)>	TP7: defines part size
	* TOCOS Model name>						TP7: Series