FEATURES

3 code functions per position (n). Self-cleaning twin point contacts. UL94V-O materials used throughout. Process compatible. Crimped terminals for positive p.c.

board retention during installation.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

GENERAL SPECIFICATIONS

ELECTRICALS

Electrical life 2000 operations minimum per switch

Contact rating, non-switching 100 mA at 50 VDC Contact rating, switching 25 mA at 24 VDC

Contact resistance Initial:50 m Ω max. After 2000 operations: 100 m Ω max. Insulation resistance 100 M Ω minimum between adjacent terms.at 500 VDC

Dielectric strength 500 VDC for 1 minute Capacitance 5 pf. maximum



Mechanical life 2000 operations minimum per switch

Operating force 1000 grams maximum

Vibration 10-55-10 Hz./1 min. (3 planes) per MIL-STD-202F, METHOD 201A Shock 50 G (peak value) for 11 msec. per MIL-STD-202F, METHOD 213B

Temperature range Operating and storage: -40°C to +85°C

SOLDERING RECOMMENDATIONS*

Hand soldering 320°C max. for 2 seconds max.(30 watt iron max.)

Wave soldering 260°C max. for 5 seconds

*For best results, keep actuator in 'O' position during soldering.



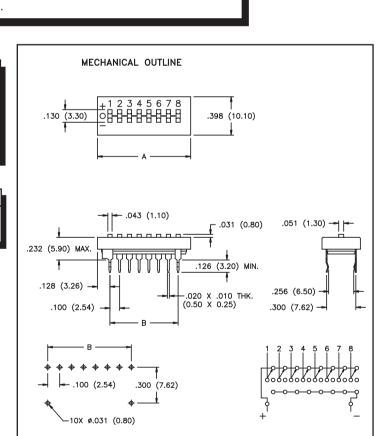
MATERIALS

Base UL94V-O, glass fiber filled PBT, black
Cover UL94V-O, glass fiber filled PBT, black
Actuators UL94V-O, glass fiber filled Nylon, white
Contacts Gold over nickel over brass
Terminals 90/10 Solder plate over brass

PACKAGING

Normally supplied in standard IC tubes with all actuators in the 'O' position

MODEL	NO. 0F	A DIM. (MAX)		B DIMENSION	
NUMBER	POS. (n)	INCHES	MM	INCHES	MM
TDS04	4	.557	14.14	.300	7.62
TDS08	8	.957	24.3	.700	17.78
TDS09	9	1.057	26.84	.800	20.32
TDS10	10	1.157	29.39	.900	22.86



SCHEMATIC

(8 POSITIONS SHOWN)

PRINTED CIRCUIT BOARD OUTLINE

(8 POSITIONS SHOWN)