ELECTRICAL SPECIFICATIONS	
1. Nominal Total Resistance	20KΩ
2. Resistance Tolerance	±20%
3. Resistance Taper	15A Curve
4. Residual Resistance	5Ω Max.
5. Power Rating	0.05W
6. Sliding Noise	100 mV Max
7. Insulation Resistance	100MΩ Min. at AC 250V
8. Withstanding Voltage	1Minute at AC 250V
9. Max. Operating Voltage	AC 50V, DC 10V

MECHANICAL SPECIFICATIONS	
1. Total Rotational Angle	300 °±5°
2. Rotational Torque	20~250 gf.cm
3. Shaft Wobble	Radial Direction : One Side ±0.25mm Max. Thrust Direction : 0.5mm Max.
4. Click Position	NON CLICK
5. Click Torque	----------
6. Shaft Stopper Strength	5 Kgf.cm Max.
7. Shaft Pull-Push Strength	10 Kgf.cm Min.
8. Nut Tightening Strength	10 Kgf.cm Min.

SWITCH COMMON SPECIFICATION	
1. Circuit Type	Rotary Type
2. Circuit Arrangement	[illegible]
3. Power Rating	DC 16V 3A
4. Contact Resistance	100 mΩ Max.
5. Operating Angle or Stroke	50 ° Max
6. Operating Force	1 Kgf.cm Max.
7. Shaft Rotation Stopper Strength	5 Kgf.cm Min.

DURABILITY SPECIFICATION	
1. Soldering Heat Resistance	3sec. at 350℃ ±5℃
2. Operating Temperature Range	-20℃~+70℃
3. Rotation Life (VOLUME)	20,000±200 cycles on 60 mA. without load resistance change within ±15%
4. Rotation Life (SWITCH)	Without load shall be subjected to 10,000±100 cycle of operation in total at a speed of 600~ 1,000 cycles per hour.

3,A description of circuitry used to limit modulation

NO	DATE	DESCRIPTION

DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NO
			991028-01

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