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TECHNOLOGY.

SPC-F0005.DWG

REVISIONS

REVISIONS						DWG. NO.	SPEC-FDD05	+ Effective	7/8/02	+ DCP	No. 1308
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKED	DATE	APPRVD	DATE			
1992	A	Released	JIN	08/04/08	JWM	08/04/08	JWM	08/04/08			



Specifications

Electrical Characteristics

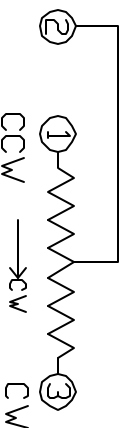
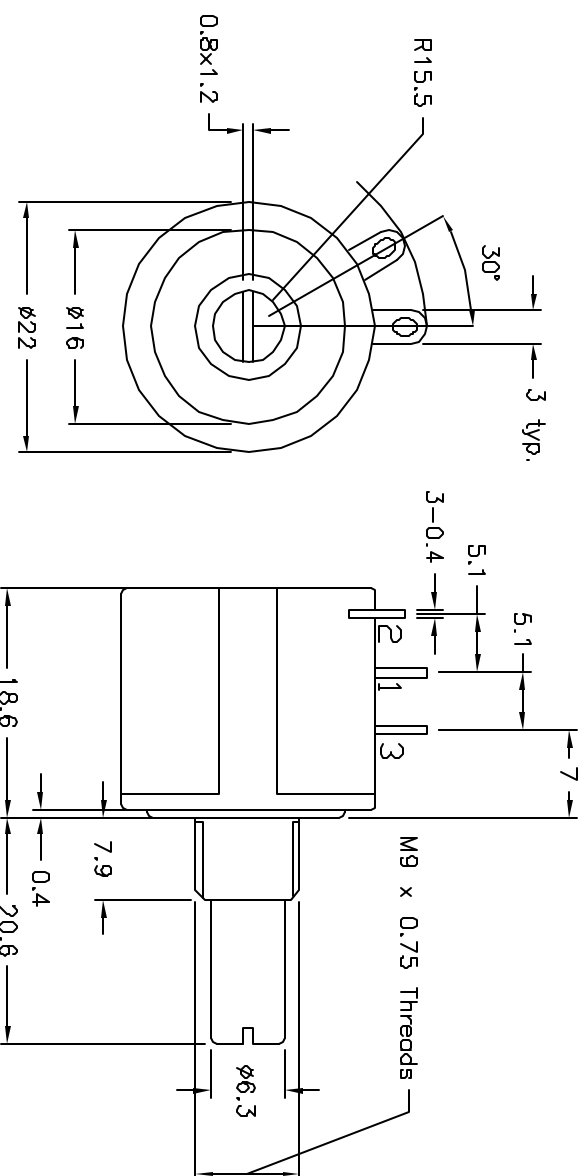
- Standard Resistance Range: 100 to 100K ohms
- Resistance Tolerance: $\pm 5\%$, std.
- Independent Linearity: $\pm 0.25\%$
- Effective Electrical Angle: $3600^\circ - 10^\circ$ min.
- Absolute Minimum Resistance: 0.2% or 2 ohms max.
- Noise: 100 ohms ENR max.
- Insulation Resistance: 500VDC, 1,000 megohms min.
- Dielectric Withstanding Voltage: 101.3 kPa, 900VAC

Environmental Characteristic

- Power Rating: (500 Volts max.)
2 Watt (70°C), 0 Watt (125°C)
- Temperature Range: -55°C to +125°C
- Temperature Coefficient: $\pm 100\text{ppm}/^\circ\text{C}$
- Vibration: 98 m/s^2 (1% ΔTR), 1% ΔVR
- Shock: 490 m/s^2 (1% ΔTR), 1% ΔVR
- Load Life: 1,000 Hrs., 2 Watt @ 70°C
- Rotational Life (No Load): 1,000,000 Shaft revolutions
- Total Resistance Shift: $\pm 5\%$ Max

Physical Characteristics

- Torque: 36mN-m max.
- Stop Strength: 300mN-m max.
- Mechanical angle: 3600° min.
- Standard Packaging: 10 or 25pcs. per box



Features:

- Multiturn / Wirewound / Industrial
- Metal Shaft and Bushing
- Bushing Mount
- Available with shaft (6mm dia.)

Mfg. P/N	Resistance Ohms
MCWWPT-10-101-LF	100
MCWWPT-10-102-LF	1,000
MCWWPT-10-103-LF	10,000
MCWWPT-10-104-LF	100,000
MCWWPT-10-201-LF	200
MCWWPT-10-202-LF	2,000
MCWWPT-10-203-LF	20,000
MCWWPT-10-501-LF	500
MCWWPT-10-502-LF	5,000
MCWWPT-10-503-LF	50,000

DISCLAIMER:

ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:

UNLESS OTHERWISE

SPECIFIED, CHECKED BY:

DIMENSIONS ARE FOR REFERENCE

PURPOSES ONLY.

DRAWING TITLE:

Precision Wirewound Potentiometer

SIZE	DWG. NO.
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ELECTRONIC FILE	REV
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Ta-933

Ta-933.dwg | A

SCALE:

U.O.M.: INCHES [mm]

SHEET: 1 OF 1