SPC TECHNOLOGY

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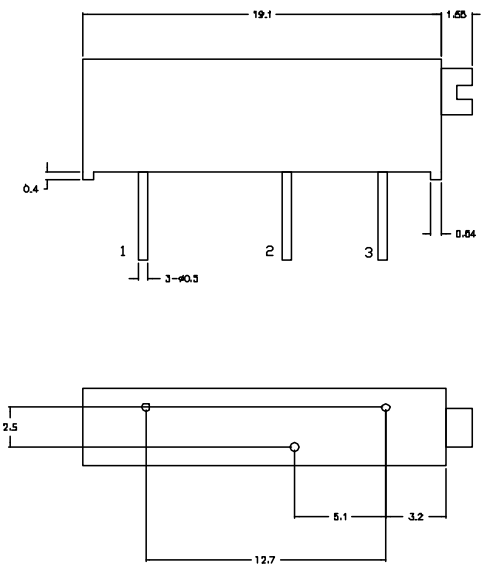
SPC-F005.DWG

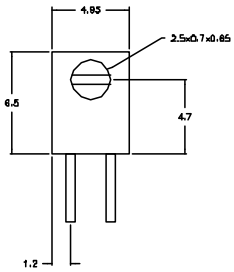
REVISIONS

DOC. NO. SPC-F005 • Effective: 7/8/02 • DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1992	A	Released	JN	08/08/08	JWM	08/08/08	JWM	08/08/08

RoHS Compliant





+Specifications

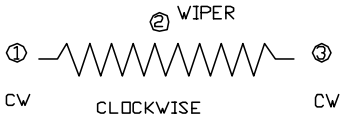
Electrical Characteristics
- -Resistance Tolerance: ±10% std.
- -Absolute Minimum Resistance: 2 ohms max.
- -Contact Resistance Variation: 3% or 3 ohms max.
- -Adjustability: Voltage= ±0.05%
  Resistance= ±0.15%
- -Resolution: Infinite
- -Insulation Resistance: 500VDC, 1,000 megohms min.
- -Dielectric Strength: 101.3 kPa 600VAC, 8.5kPa 350 VAC
- -Adjustment Angle: 22 turns min

Environmental Characteristic
- -Power Rating: (315 Volts max.)
  0.5 Watt (70°C), 0 Watt (125°C)
- -Temperature Range: -55°C to +125°C
- -Temperature Coefficient: ±100ppm/°C
- -Vibration: 98 m/s² (1% ΔTR; 1% ΔVR)
- -Shock: 390 m/s² (1% ΔTR; 1% ΔVR)
- -Load Life: 1,000 Hrs, 0.5 Watt @ 70°C
  (3% ΔTR; 4% or 4ohms)
- -Rotational Life: 200 Cycles
  (3% ΔTR; 4% or 4ohms)

Physical Characteristics
- -Torque: 15mN-m max.
- -Standard Packaging: 25pcs. per tube

Mfg. P/N	Resistance Ohms
MCWIW1012-1-100-LF	10
MCWIW1012-1-101-LF	100
MCWIW1012-1-102-LF	1,000
MCWIW1012-1-103-LF	10,000
MCWIW1012-1-104-LF	100,000
MCWIW1012-1-105-LF	1,000,000
MCWIW1012-1-201-LF	200
MCWIW1012-1-202-LF	2,000
MCWIW1012-1-203-LF	20,000
MCWIW1012-1-204-LF	200,000
MCWIW1012-1-500-LF	50
MCWIW1012-1-501-LF	500
MCWIW1012-1-502-LF	5,000
MCWIW1012-1-503-LF	50,000
MCWIW1012-1-504-LF	500,000

Features:
- 3/4 inches Rectangular/Multiturn.
- Cerment/Industrial/Sealed.
- Available with a Knob for finger adjust.
- Available with extended shaft.



DISCLAIMER:
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TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	08/08/08
CHECKED BY:	DATE:
JWM	08/08/08
APPROVED BY:	DATE:
JWM	08/08/08

DRAWING TITLE: TRIMMER POTENTIOMETER

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-928	Ta-928.DWG	A

SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 1

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