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SPC-F008.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



Specifications

Electrical Characteristics

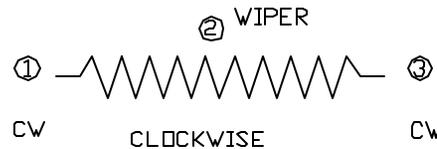
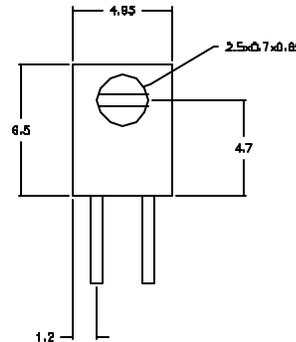
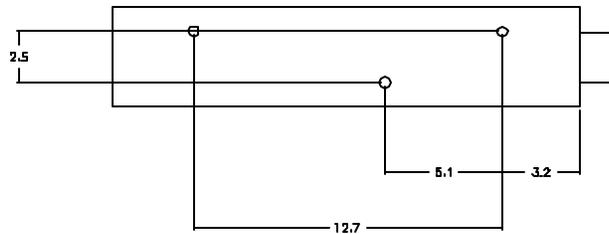
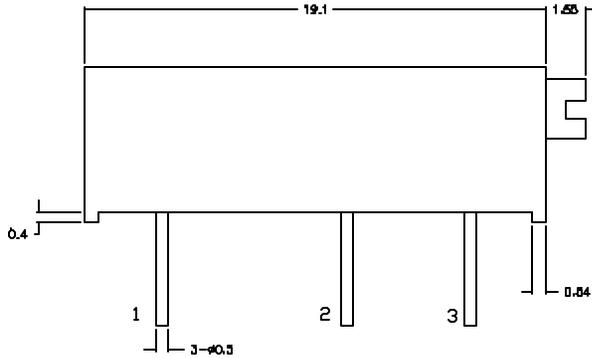
- Resistance Tolerance: $\pm 10\%$ std.
- Absolute Minimum Resistance: 2 ohms max.
- Contact Resistance Variation: 3% or 3 ohms max.
- Adjustability: Voltage = $\pm 0.05\%$
Resistance = $\pm 0.15\%$
- Resolution: Infinite
- Insulation Resistance: 500VDC, 1,000 megohms min.
- Dielectric Strength: 101.3 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: ± 100 ppm/°C
- Vibration: 98 m/s² (1% Δ TR; 1% Δ VR)
- Shock: 390 m/s² (1% Δ TR; 1% Δ VR)
- Load Life: 1,000 Hrs, 0.5 Watt @ 70°C
(3% Δ TR; 4% or 4ohms)
- Rotational Life: 200 Cycles
(3% Δ TR; 4% or 4ohms)

Physical Characteristics

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



Features:

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

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

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, 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	