



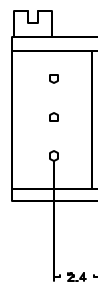
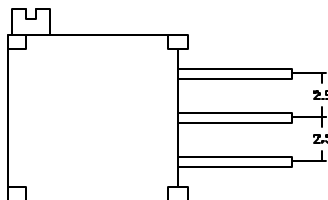
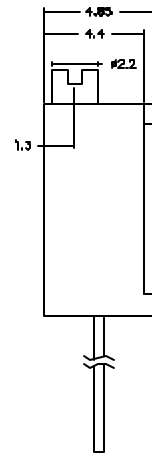
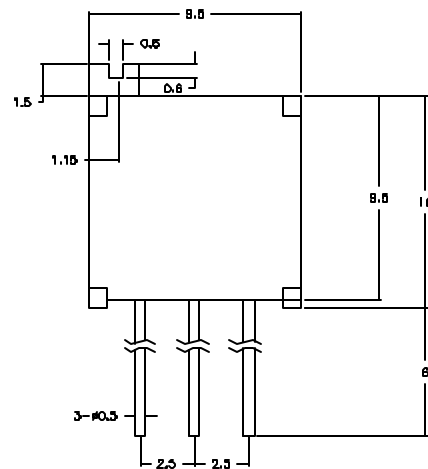
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SPC-F008.DWG

REVISIONS

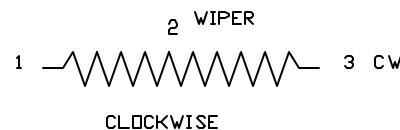
DOC. NO. SPC-F008 * Effective: 7/8/02 * DCP No: 1398

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



Features:

- 9mm Square Multiturn.
- Cement/Industrial/Sealed.
- 5 Terminals type.
- Available with a Knob for finger adjust.



Specifications

Electrical Characteristics

- Resistance Tolerance: $\pm 10\%$ std.
- Absolute Minimum Resistance: 1% or 2 ohms max.
- Contact Resistance Variation: 3% or 3 ohms max.
- Adjustability: Voltage = $\pm 0.01\%$
Resistance = $\pm 0.05\%$
- Resolution: Infinite
- Insulation Resistance: 500VDC, 1,000 megohms min.
- Dielectric Strength: 101.3 kPa 600VAC, 8.5kPa 360 VAC
- Effective Travel: 25 turns nom

Environmental Characteristic

- Power Rating: (300 Volts max.)
0.5 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/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
- Rotational Life: 200 Cycles

Physical Characteristics

- Torque: 36mN-m max.
- Mechanical Stops: Wiper Idles
- Terminals: Solderable pins
- Standard Packaging: 50pcs. per tube



Mfg. P/N	Resistance Ohms
MCWIW1029-X-102-LF	1,000
MCWIW1029-X-103-LF	10,000
MCWIW1029-X-104-LF	100,000
MCWIW1029-X-105-LF	1,000,000
MCWIW1029-X-253-LF	25,000
MCWIW1029-X-502-LF	5,000
MCWIW1029-X-503-LF	50,000
MCWIW1029-X-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-926	Ta-926.DWG	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	