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SPC-F005.DWG

REVISIONS

DOC. NO. SPC-F005 * Effective: 7/5/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
2032	A	Released	JN	03/05/08	JWM	03/05/08	JWM	03/05/08



SPECIFICATION

MECHANICAL

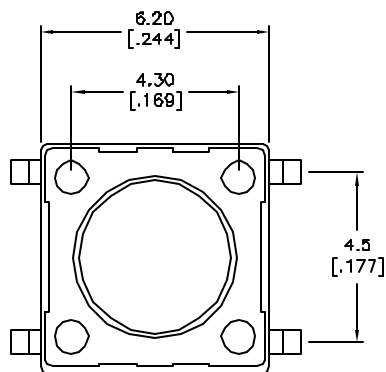
- Stop Strength: Max. 3kgf vertical static load continuously for 15 seconds
- Stroke: (12x12) 0.35±0.1mm
- Operation Temperature: -25°C to + 70°C
- Storage Temperature: -30°C to +80°C

ELECTRICAL

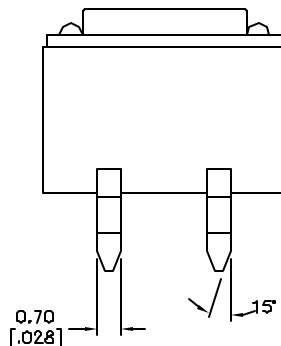
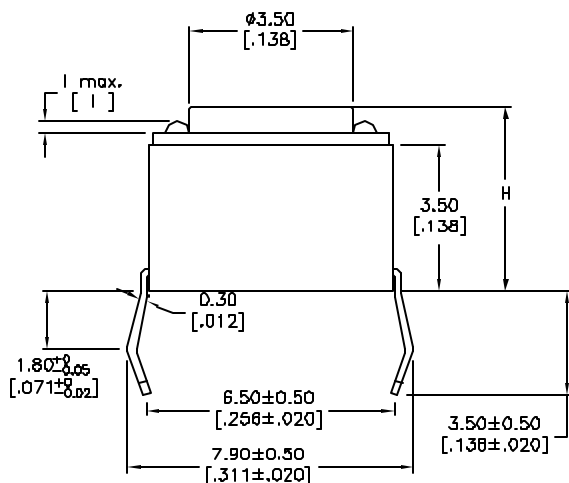
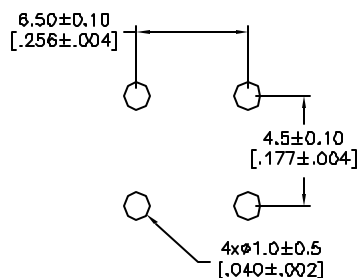
- Rating: 50mA , 12VDC
- Contact Resistance: 100m Ωmax.
- Insulation Resistance: 100M Ω min. at 500VDC
- Dielectric Strength: 250VAC / 1 minute
- Contact Arrangement: 1 pole 1 throw

MATERIALS

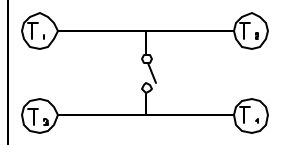
- COVER: Stainless Steel
- CONTACT DISC: Stainless steel with silver cladding.
- TERMINAL: Brass with silver plated.
- BASE: UL94V-0 Nylon High-Temp. Thermoplastic
- STEM: UL94V-0 Nylon High-Temp. Thermoplastic



P.C.B. LAYOUT



CIRCUIT DIAGRAM



Mfg. Part No.	Operating Force Max.	Color	Electrical Life	Dimension I	Dimension H	Dome Material
MC32860	100gf Max	Black	1,000,000 Cycles	0.5max [0.0197]	4.3 [169]	Stainless Steel
MC32861	160gf Max	Brown	1,000,000 Cycles			Stainless Steel
MC32828	160gf Max	Brown	200,000 Cycles			Phosphor Bronze
MC32862	100gf Max	Black	1,000,000 Cycles	0.6max [0.0236]	5.0 [0.197]	Stainless Steel
MC32863	160gf Max	Brown	1,000,000 Cycles			Stainless Steel
MC32829	160gf Max	Brown	200,000 Cycles			Phosphor Bronze
MC32864	260gf Max	Red	500,000 Cycles		9.5 [0.374]	Stainless Steel
MC32867	100gf Max	Black	1,000,000 Cycles			Stainless Steel
MC32830	160gf Max	Brown	200,000 Cycles			Phosphor Bronze
MC32831	160gf Max	Brown	200,000 Cycles		13.0 [0.512]	Phosphor Bronze

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	03/05/09
CHECKED BY:	DATE:
Jeff McVicker	03/05/09
APPROVED BY:	DATE:
Jeff McVicker	03/05/09

DRAWING TITLE:

Tactile Switch

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	Ta-1087	Ta-1087.dwg	A
SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 1 OF 1