File E47258

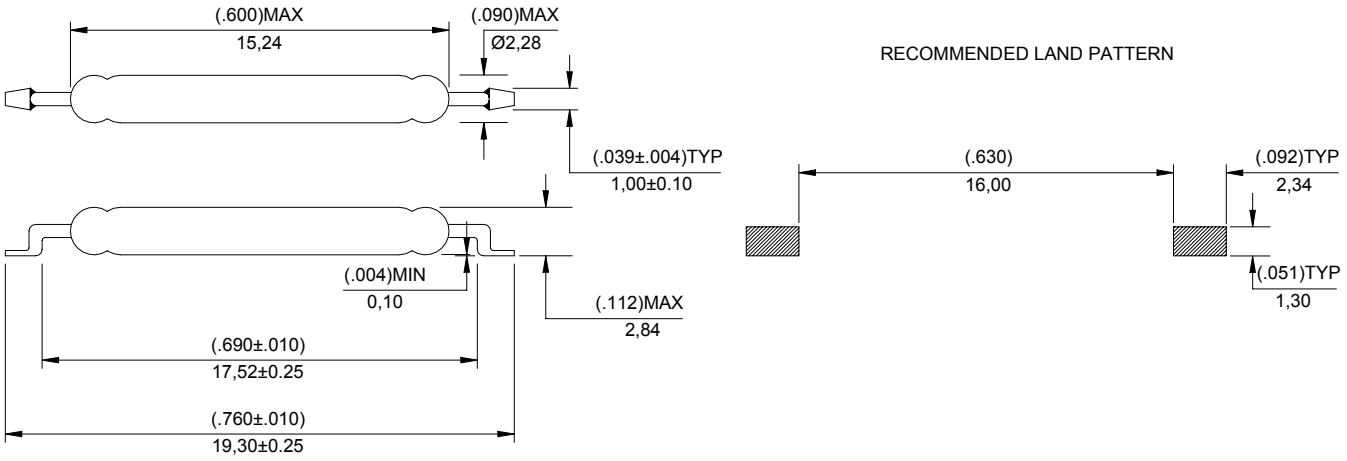
MDSM-4 REED SWITCH

Features
- Surface mounting normally open switch
- Miniature size with 15.24mm x 2.28mm (0.600" x 0.090") glass envelope
- Capable of switching 200Vdc or 0.5A at up to 10W
- 10^{10} Ohms insulation resistance
- Available sensitivity 12-38 AT
- Bulk or tape and reel packaging. See sheet 2

Benefits
- Hermetically sealed switch contacts are not affected by and have no effect on their external environment
- Low, stable contact resistance
- Very small space requirements
- Zero operating power required for contact closure
- Fit and forget durability

Applications
- Position sensing
- Level sensing
- Security
- Telecoms
- Office Equipment

SWITCH DIMENSIONS (in) mm



SWITCH TYPE		MDSM-4	
ELECTRICAL RATINGS		Contact Form A - Normally Open	
Contact Rating (1)	Power	Watts - max	10
Voltage	Switching	Vdc - max.	200
	Breakdown	Vdc - min.	250
Current	Switching	A - max.	0.5
	Carry	A - max.	1.2
Resistance	Contact, Initial	Ohms - max.	0.10
	Insulation	Ohms - min.	10^{10}
Capacitance	Contact	pF - typ.	0.2
Temperature	Operating	°C	-40 to +125
	Storage (2)	°C	-65 to +125
OPERATING CHARACTERISTICS			
Time	Operate (3)	ms - max.	0.6
	Release (3)	ms - max.	0.2
Shock	11ms ½ sine	G - max.	100
Vibration	50-2000 Hz.	G - max.	30
Resonant Frequency		kHz -typ.	3.9
MAGNETIC CHARACTERISTICS			
Pull-In Ranges Available	Switch AT before modification	Ampere Turns (AT)	12-23, 17-28, 22-33 and 27-38
Rating Sensitivity (4)		Ampere Turns (AT)	20
Test Coil			L4989

Notes:- 1) Contact Rating. Product of the switching voltage and current must never exceed the wattage rating. Contact Hamlin for additional load/life information.

2) Storage Temperature. Long term exposure at elevated temperature may degrade solderability of the leads.

3) Operate (including bounce) /Release Time. Tested per EIA/NARM RS421A with diode suppressed coil.

4) Rating Sensitivity. The value at which the contact ratings and operating characteristics are determined. De-rating may be required below this value.

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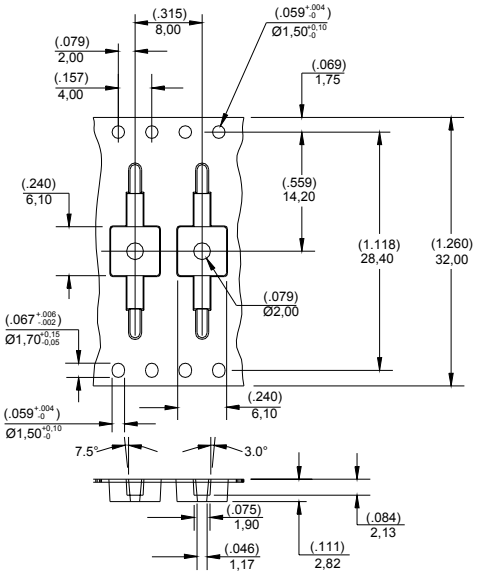
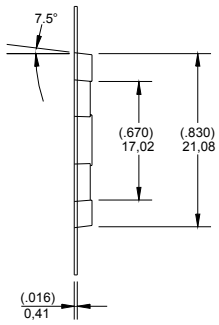
Packaging: - Bulk - 100 per Box or Tape and Reel - 3,000 per Reel

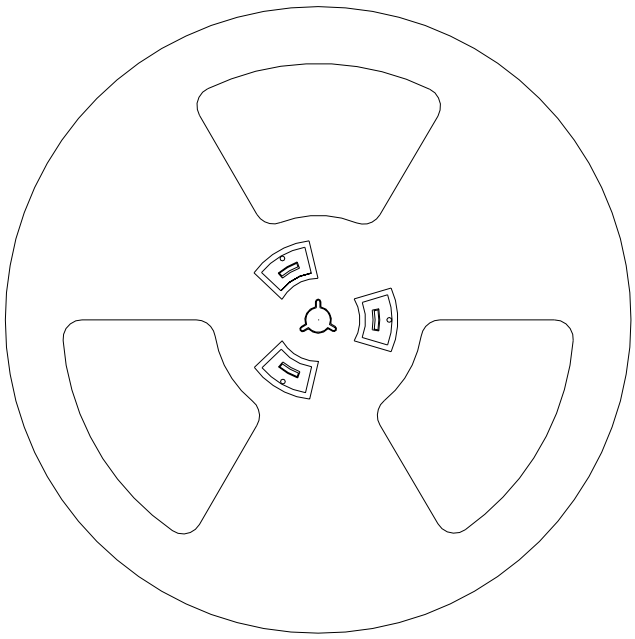
TAPE DIMENSIONS (in) mm

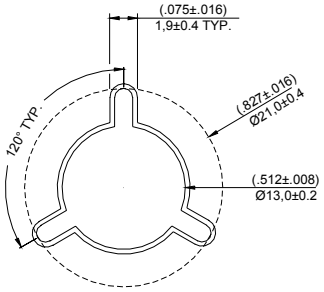


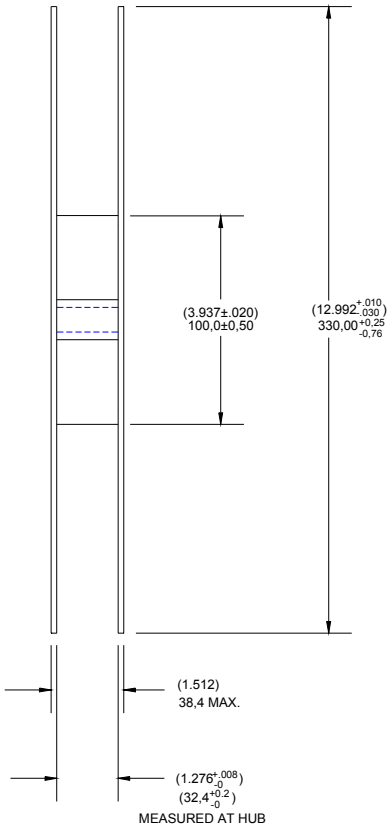


1. ALL TAPE & SPROCKET HOLE DIMENSIONS ARE PER FIA-481 UNLESS NOTED
2. ALL POCKET DIMENSIONS ARE ±(.004") 0,10mm
3. ALL DIMENSIONS ARE TO INSIDE OF POCKET

REEL DIMENSIONS (in) mm







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Данный компонент на территории Российской Федерации

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http://moschip.ru/get-element

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