

ABOUT OUR MOULDED AND SURFACE MOUNT REED SWITCH RANGE

Moulded

Overleaf is our range of reed switches moulded in Polypropylene. These are ideal for situations where a bare reed switch may be vulnerable to damage during or after assembly, and also for ease of assembly where bending and forming facilities are limited or unavailable.

SMD

SMD (Surface Mount Device) Reed Switches, have formed and flattened leads to enable surface mounting onto printed circuit boards. All are available loose or taped and reeled for presentation to high speed placement machines, and are suitable for reflow.

Customization

As with many of our product ranges, we offer full customization of our moulded and SMD type switches shown overleaf. We have the ability to mould or offer SMD devices of most of our range of bare Reed Switches, (see Reed Switch catalogue for our full range of bare Reed Switches, available from our sales offices). We also have the capability to trim and form bare Reed Switches if required. For more detailed information individual datasheets are available for all our products.

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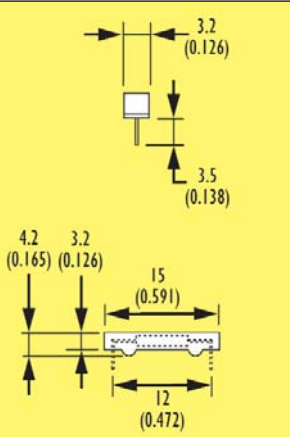
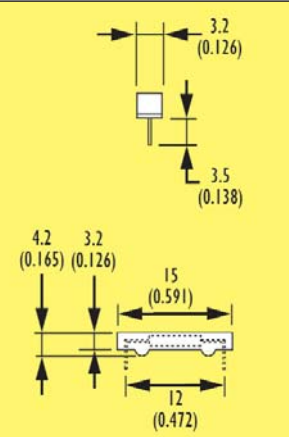
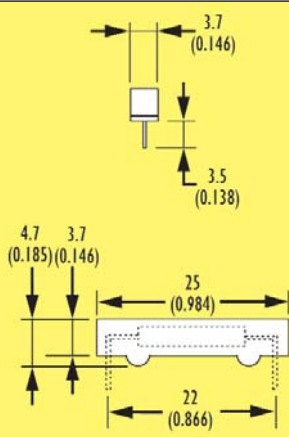
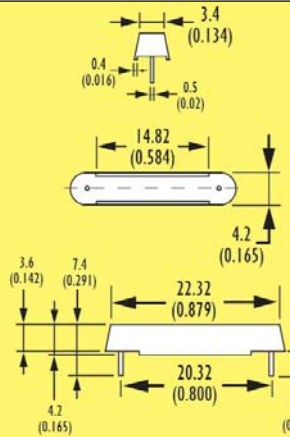
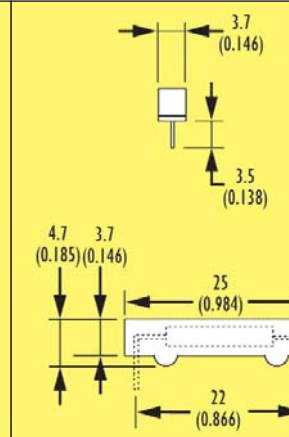
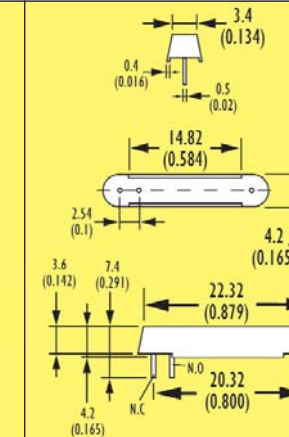
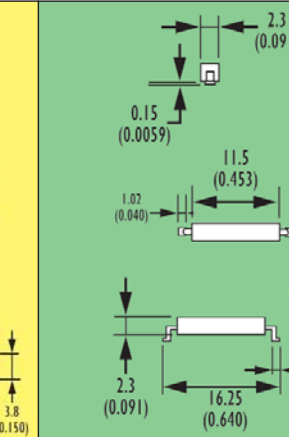
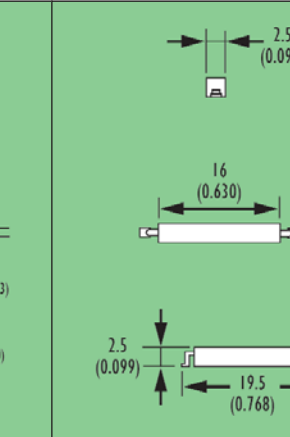
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Moulded / SMD Reed Switches



We also have a large network of worldwide agents. These can be seen on any of our websites, or on our company profile brochure.

MOULDED AND SMD REED SWITCHES

								
Options / Features	• Smallest available Moulded Reed package	• Smallest available Moulded Reed package	• High Switching Voltage			• Change-Over contacts	• Available tape and reeled	• Available loose and tape and reeled • Also available with flat straight leads for slot mouting
Contact Form	Normally Open				Normally Closed	Change-Over	Normally Open	
Type	PPS 24	PPS 70	PPS 470	PPS 150	PPS 175B	PPS 175C	P3-1A16	PRA-MI-DOA5
Switching Voltage Max. VAC	24	70	470	150	100	100	24	150
Switching Current Max. A	0.1	0.25	0.5	0.5	0.5	0.5	0.1	0.5
Switching Capacity Max. W/VA	1.0	10	10	10	5	5	1.0	10
Contact Resistance Max. mOhms	200	200	150	150	100	100	150	150
Pull in Sensitivity AT	7 - 21	7 - 21	15 - 20	8 - 10	10 - 40	15 - 50 (Configurable)	10 - 15	10 - 35 (Configurable)
Switching Distance	Dependent on magnet	Dependent on magnet	Dependent on magnet	Dependent on magnet	Dependent on magnet	Dependent on magnet	Dependent on magnet	Dependent on magnet
Operating Temperature °C	-20 + 110	-20 + 110	-20 + 110	-20 + 110	-20 + 110	-20 + 110	-40 + 125	-40 + 140
Storage Temperature °C	-25 + 110	-25 + 110	-25 + 110	-25 + 110	-25 + 110	-25 + 110	-40 + 140	-40 + 140
Case Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Mineral Filled Epoxy	Polyphenolic Sulphide
	