Standex DETECT Electronics

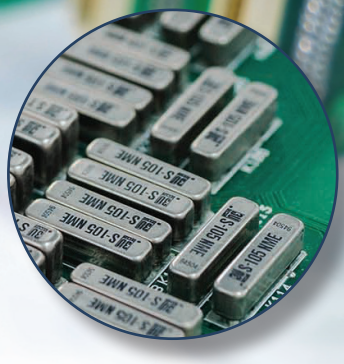
INNOVATE / CONSULT / ENGINEER / DELIVER

HIGH FREQUENCY / RF AND HIGH DENSITY REED RELAYS

REQUEST A QUOTE

Elevate Your ATE Solutions with Sanyu Reed Relays

Precision, Performance, and Reliability



RoHS Compliant · REACH COMPLIANCE · c UL us

KEY FEATURES

- Advanced miniaturization
- Superior signal integrity
- Enhanced high speed
- High frequency performance
- Extended reliability from advanced manufacturing techniques
- Excel in high frequency applications
- Advanced environmental testing
- High end digital oscilloscope with TDR
- S-parameter/BERT with error detection
- 100% tested with ATE

REED TECHNOLOGY IN ATE

- Compact size
- Low insertion loss
- Low contact resistance
- Low capacitance
- Low leakage currents
- Low power consumption
- High reliability
- Fast switching speed
- High isolation
- Wide bandwidth

Whether you need standard relays or a fully customized solution, Standex Detect is ready to partner with you. Let's talk about your needs!

standexdetect.com

HIGH FREQUENCY / RF AND HIGH DENSITY REED RELAYS

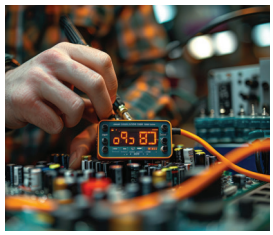
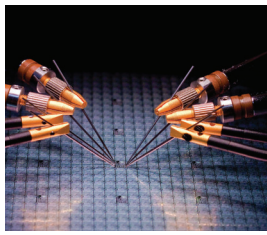
Elevate Your ATE Solutions

HIGH FREQUENCY

OPERATIONAL CHARACTERISTICS	CRF SERIES	U SERIES	C SERIES	M SERIES	MT SERIES	MH SERIES
Special Feature:	 Ceramic base for low voltage offset	 Series with the smallest SMD mounting area for 8GHz	 1 Form A with excellent shielding and 7GHz RF performance	 1A and 2A Form with excellent shielding and 6 GHz RF performance	 1 and 2 changeover-like form in a small SMD package	 Miniature vertical changeover SMD relay
Contact Voltage VDC:	3, 5	3, 5	3, 5	3, 5, 12	3, 5, 12	3, 5
Contact Form:	1A	1A	1C	1A, 2A	1C, 2C	1C
Rated Power Max. W: Any DC combination of V&A not to exceed max. rated power	10	3	10	10	10	10
Switching Voltage Max. VDC: DC or peak AC	170	100	100	100	100	100
Switching Current Max. A: DC or peak AC	0.5	0.2	0.5	0.5	0.5	0.5
Carry Current Max. A: DC or peak AC	1.0	0.2	1.0	1.0	1.0	1.0
Insulation Resistance Min./Typ. Ohm: Rh<45%, 100V Test Voltage	10^{10}	10^{12}	10^{11}	10^{11}	10^{11}	10^{10}
Dielectric Strength Min. VDC: According to EN60255-27	1500	150	200	200	200	200
RF CHARACTERISTICS						
Insertion Loss -3dB drop off point GHz:	~ 7 GHz	~ 8 GHz	~ 7 GHz	~ 6 GHz	~ 4 GHz	~ 3 GHz
MECHANICAL SPECIFICATIONS						
Lead Style:	SMD Non-BGA	SMD J-Lead	SMD Gull/J-Lead	SMD Gull/J-Lead	SMD J-Lead	SMD J-Lead
Mounting Area L x W mm:	8.6 x 4.4	7.95 x 4.67	8.9 x 4.67	9.9 x 4.67 10.16 x 6.7	10.16 x 7.62 10.0 x 11.3	9.9 x 5.08
PRODUCT PAGE/DATASHEET LINK						





HIGH FREQUENCY / RF AND HIGH DENSITY REED RELAYS

Elevate Your ATE Solutions

HIGH DENSITY

OPERATIONAL CHARACTERISTICS	CRR SERIES	MFS SERIES	FS SERIES	UMS SERIES	MS SERIES
Special Feature:	 Ceramic base for low voltage offset	 Vertical square shape for high density assembly	 Vertical square shape	 Ultra Miniature THT relay with integrated magnetic shield	 Miniature SIL THT relay for high density assembly
Contact Voltage VDC:	3, 5	5, 12	5, 12	5	5, 12
Contact Form:	1A	1A	1A	1A	1A
Rated Power Max. W: Any DC combination of V&A not to exceed max. rated power	10	10	10	10	10
Switching Voltage Max. VDC: DC or peak AC	170	100	100	170	200
Switching Current Max. A: DC or peak AC	0.5	0.5	0.5	0.5	0.5
Carry Current Max. A: DC or peak AC	1.0	1.0	1.0	1.0	1.0
Insulation Resistance Min./Typ. Ohm: Rh<45%, 100V Test Voltage	10^{10}	10^{10}	10^{10}	10^{11}	10^{10}
Dielectric Strength Min. VDC: According to EN60255-27	1500	150	200	1500	1500
MECHANICAL SPECIFICATIONS					
Lead Style:	SMD Non-BGA	THT	THT	THT/SIP	THT/SIP
Mounting Area L x W mm:	8.6 x 4.4	4.35 x 4.35	4.9 x 4.9	6.85 X 3.6	15.2 X 3.0
PRODUCT PAGE/DATASHEET LINK					

MARKETS & APPLICATIONS:

- ✔ Automated Test Equipment
- ✔ Data Acquisition
- ✔ Telecommunications
- ✔ Functional PCB Test Systems
- ✔ ATE Signal & PCB Testers
- ✔ High Current/Voltage Test
- ✔ High RF Wireless
- ✔ IC Wafer Testing
- ✔ High Density

REQUEST A QUOTE

A Standex **Electronics** Business

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