MICON 5, THT Standard, 3,0 ± 0,6 N, 1 S



Haupt- / Anwendungsgebiete

- Messen-Steuern-Regeln
- Maschinen- und Anlagenbau
- Automotive
- Elektromedizin

Spezielle Features

- Goldkontakte, sicheres Schalten bei niedrigen Strömen
- Besonderes taktiles Feedback
- Hohe Packungsdichte durch kleinen Formfaktor (5,1 x 6,4 mm)
- Unterschiedliche Betätigungskräfte
- Ring- und Vollausleuchtung der Tastenfläche durch Stößel
- Variable Bauhöhen durch Stößel
- Anschlusstechnik: SMT
- Traceability durch Produktkennzeichnung nach DIN EN ISO 9001

CE

Beschreibung

Die MICON 5 Kurzhubtaster sind extrem schaltsichere Bauelemente mit sehr geringem Platzbedarf. Sie können einzeln, in Reihen oder als Tastenfelder angeordnet werden. Für den Einsatz unter Folie empfehlen wir die MICON 5-Taster mit Stößeln zu kombinieren.Die Eigenschaften auf einen Blick:

- Geeignet für die wichtigsten Lötverfahren
- Wellen-Lötbad für THT-Versionen
- Reflow-Löten für SMT-Versionen
- Dampfphasen-Löten für SMT-Versionen
- Handlötung
- Verarbeitung der SMT-Ausführung mit SMT-Bestückungsautomaten
- IMDS-Eintrag

MICON 5, THT Standard, für Tastenkappen aus dem Zubehörprogramm geeignet Verpackung: in Schienen mit je 102 Stück

Technische Daten

Allgemein

Arbeitstemperatur, min.	-40 °C
Arbeitstemperatur, max.	90 °C
Lagertemperatur, min.	-40 °C
Lagertemperatur, max.	90 °C
beleuchtbar	nein
Lötverfahren	Hand / Welle
Lötwärmebeständigkeit nach Norm	DIN EN 60068-2-20
Verpackung	Schiene

Direkte Links

- RAFI eCatalog

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RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com

Verpackungseinheit	102 Stück
Nettogewicht	0,1 g
Lebensdauer	1.000.000 Zyklen
B10	1.300.000 Zyklen
MSL Moisture Sensitivity Level	1
Schockfestigkeit gem. Norm IEC 60068-2-27	100 g bei 6 ms Amplitude halbsinusförmig
Schwingbeständigkeit gem. Norm IEC 60068-2-6	5 g bei 10...500 Hz
MOQ Auftrag	510 Stück
RoHS konform	ja
REACH konform	ja

Einbaumaße

Außenmaß Länge	6,4 ± 0.1 mm
Außenmaß Breite	5,1 ± 0.1 mm
Einbauhöhe	3,85 ± 0.1 mm
Raster, min.	6 x 7.8 mm

Mechanische Kennwerte

Betätigungsfunktion	tastend
Betätigungskraft, max.	4 N
Betätigungskraft, min.	3 ± 0.6 N
Schaltweg	0,7 ± 0.15 mm
Kontaktfunktion	1 S
Kontaktsystem	Sprungkontakt SPST - Single Pole Single Throw
Kontaktwerkstoff	Gold
Lötbarkeit	Ja
Anschluss rückseitig	THT

Elektrische Kennwerte

Schaltspannung, min.	0,02 V
Schaltspannung, max.	35 V
Spannungsfestigkeit	250 V
Schaltstrom, min.	0,00001 A
Schaltstrom, max.	0,1 A
Schaltleistung, max.	1 W

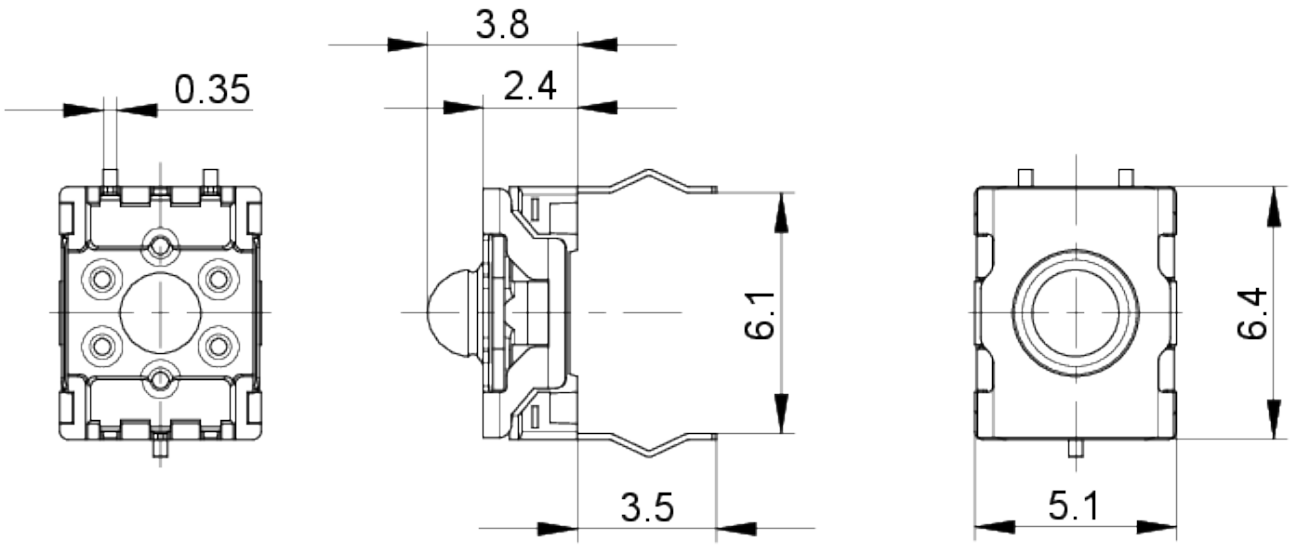
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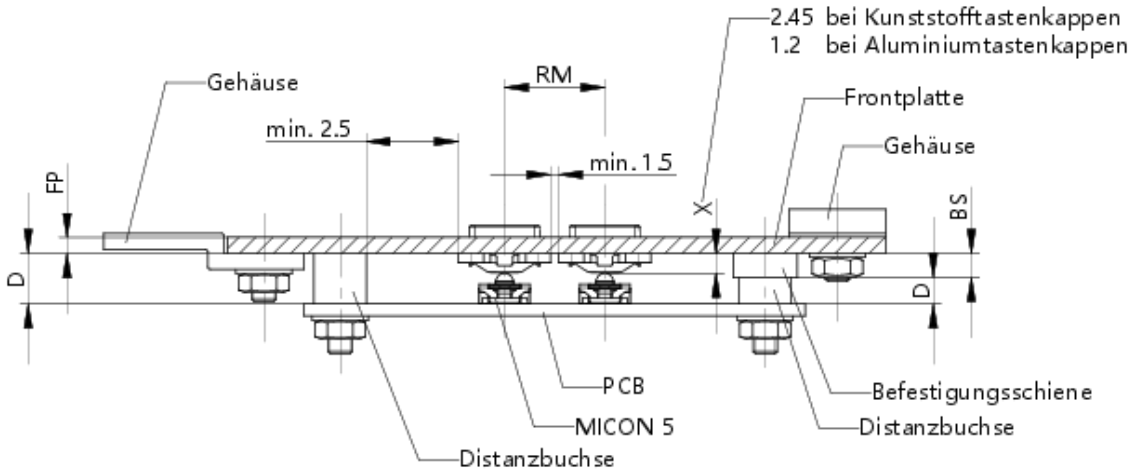
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88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com

Zeichnungen

Maß-Zeichnungen



System-Zeichnung

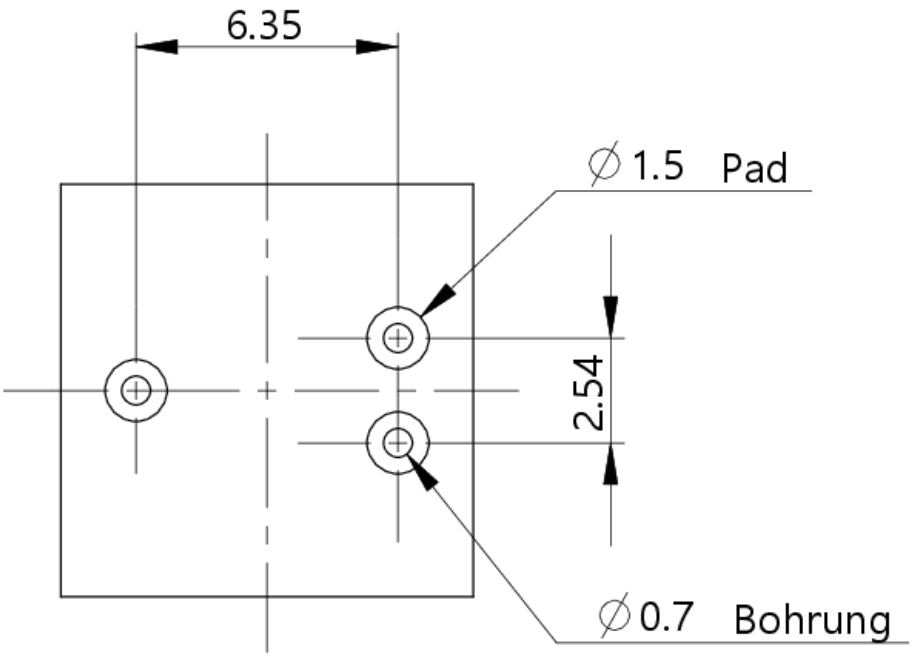


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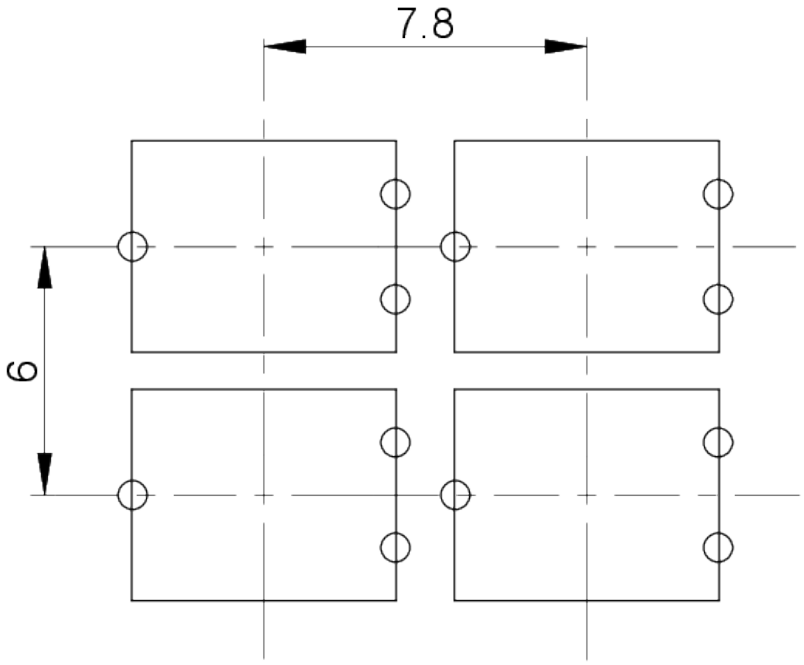
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Leiterplatten-Zeichnung



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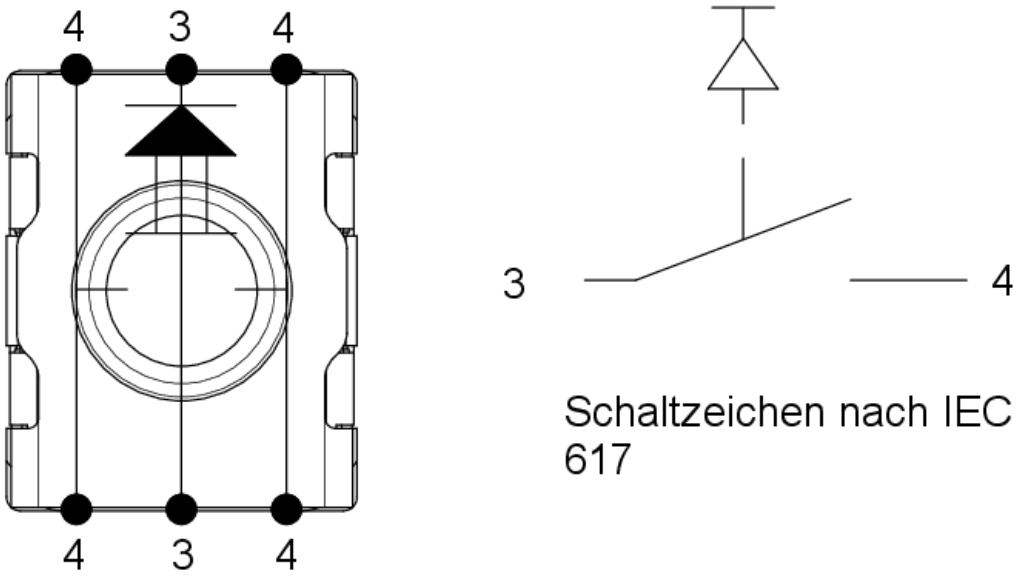
MICON 5 THT

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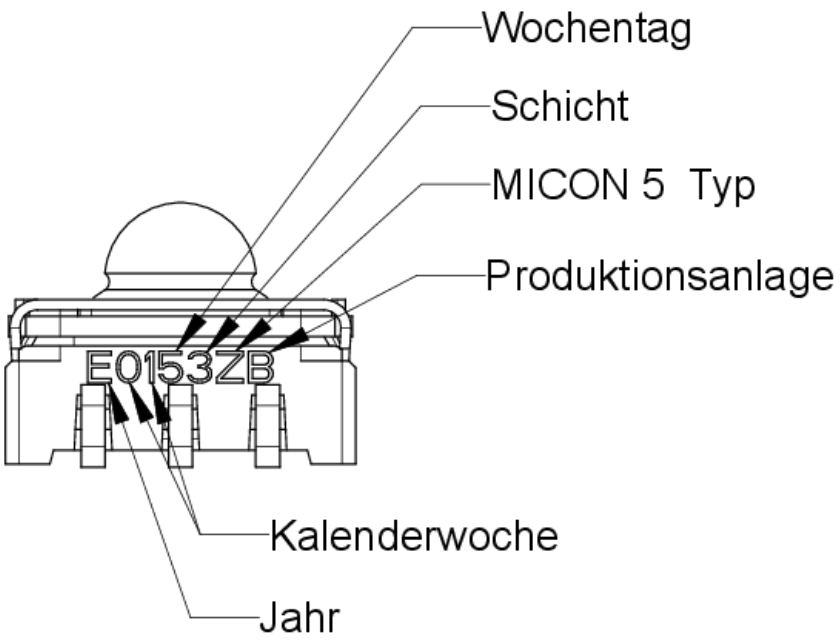
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Schaltschema-Zeichnung



Produktkennzeichnung-Zeichnung



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