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RF 15 N, Silber, unbeleuchtet, 2,9 ± 0,6 N, 1 S



Haupt- / Anwendungsgebiete

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

Spezielle Features

- Silberkontakte, sicheres Schalten bei mittleren Strömen
- Enges Tastenraster von 15,24 mm möglich
- Niedrige Bauhöhe, nur 6,2 mm
- Variable Bauhöhe durch aufsteckbare Stößel
- Optional: Punktausleuchtung
- Anschlusstechnik: THT

CE

Beschreibung

Der Taster RF 15N ermöglicht eine sehr geringe Bauhöhe von 6,2 mm. Die Bauhöhe kann durch Verlängerungsstößel variiert werden, welche in die kreuzförmige Vertiefung des Druckstücks eingesteckt werden.

Bis zu einer Bauhöhe von 10 mm (d.h. ohne oder mit dem kleinen Stößel) können LED nur neben den Tastern separat auf der Leiterplatte platziert werden. Ab Bauhöhe 12 mm können max. 2 LED auch in Aussparungen des Tastergehäuses gesteckt werden. Um eine zufriedenstellende Ausleuchtung zu erreichen, sollten die LED ab einer Bauhöhe von 12,5 mm auf LED Distanz-Buchsen gesetzt werden.

Technische Daten

Allgemein

Arbeitstemperatur, min.	-25 °C
Arbeitstemperatur, max.	70 °C
Lagertemperatur, min.	-25 °C
Lagertemperatur, max.	70 °C
beleuchtbar	nein
Lötdauer Handlöten, max.	5 Sek
Löttemperatur Handlöten	350 °C
Löttemperatur Wellenlöten	260 °C
Lötverfahren	Hand / Welle
Lötwärmebeständigkeit nach Norm	DIN EN 60068-2-20
Verpackung	Schiene
Verpackungseinheit	32 Stück
Nettogewicht	1,6 g
Lebensdauer	1.000.000 Zyklen
B10	1.300.000 Zyklen

Direkte Links

- RAFI eCatalog

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MOQ Auftrag	32 Stück
RoHS konform	ja
REACH konform	ja

Einbaumaße

Außenmaß Länge	15 mm
Außenmaß Breite	15 mm
Außenmaß Höhe	6,2 mm
Einbauhöhe	6,2 mm
Raster, min.	19.05 mm

Mechanische Kennwerte

Betätigungsfunktion	tastend
Betätigungskraft, min.	2,9 ± 0.6 N
Schaltweg	$0,5^{+0,2}$ mm
Kontaktfunktion	1 S
Kontaktsystem	Sprungkontakt
Kontaktwerkstoff	Silber
Befestigung	Löten
Lötbarkeit	Ja
Anschluss rückseitig	THT

Elektrische Kennwerte

Schaltspannung, min.	3 V
Schaltspannung, max.	35 V
Schaltstrom, min.	0,0001 A
Schaltstrom, max.	0,25 A
Schaltleistung, max.	12,5 W

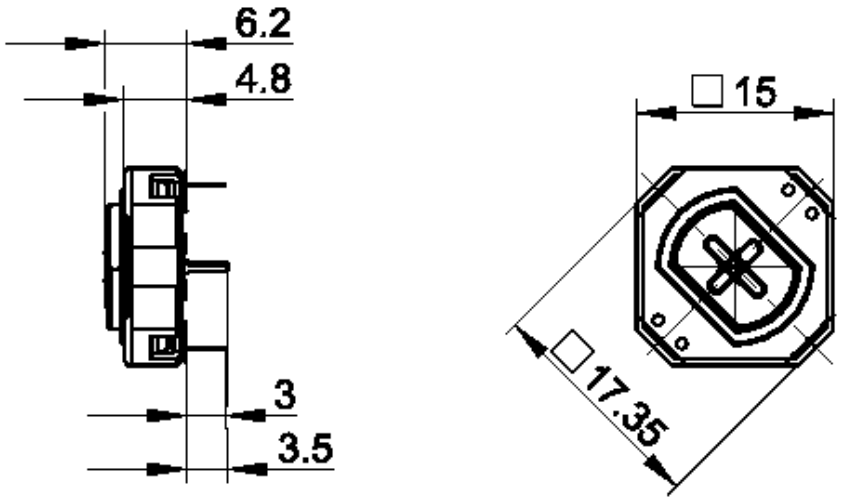
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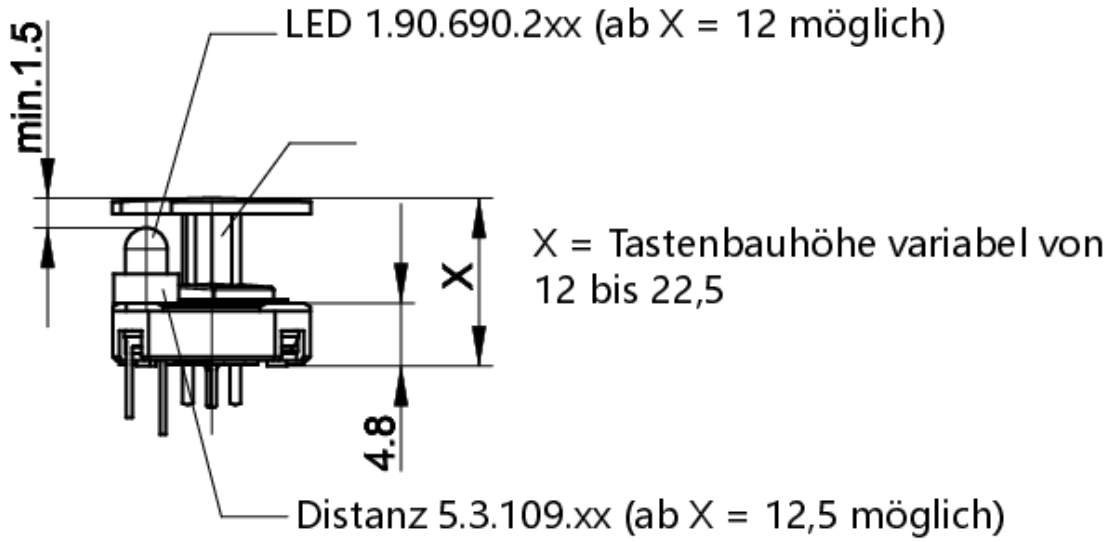
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Zeichnungen

Maß-Zeichnungen



Maß-Zeichnungen



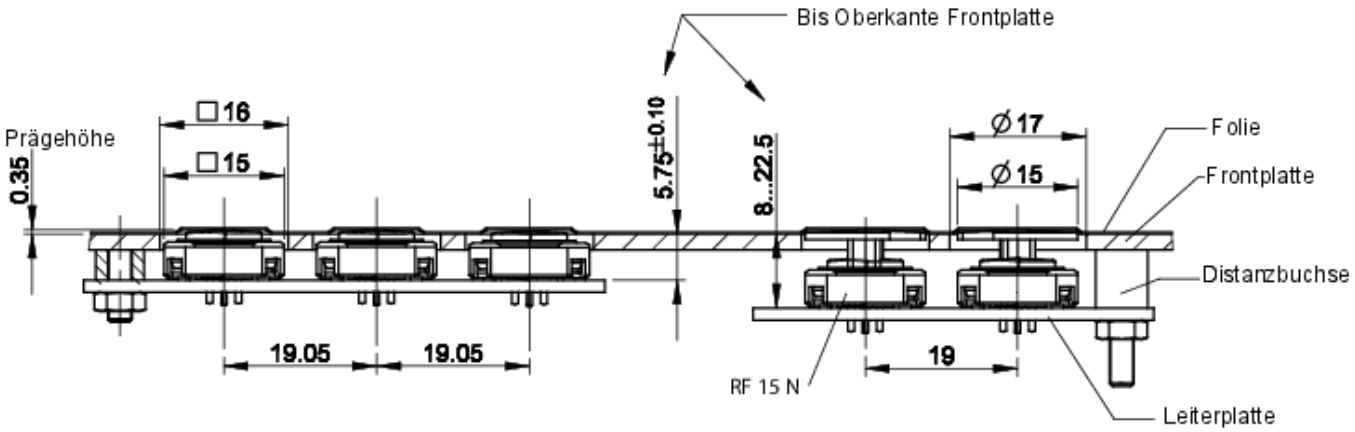
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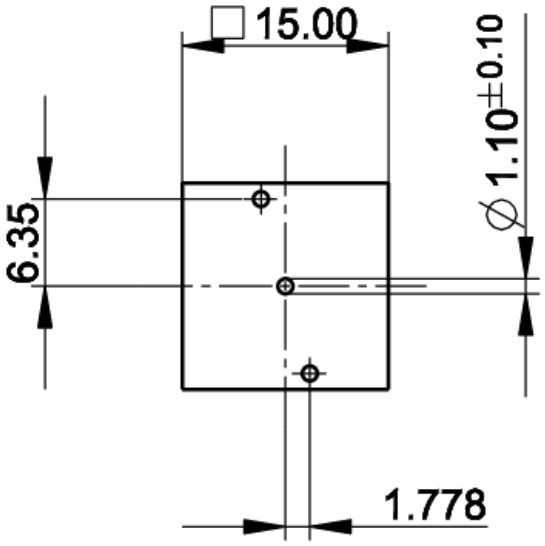
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System-Zeichnung



Leiterplatten-Zeichnung



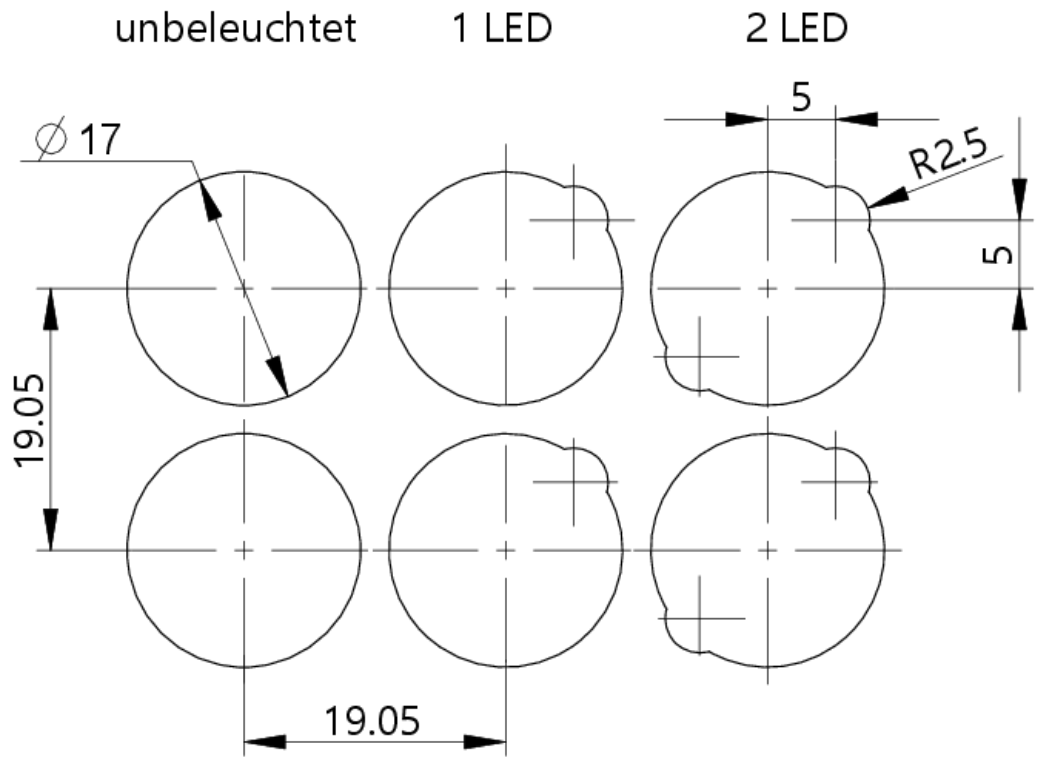
Taste unbeleuchtet

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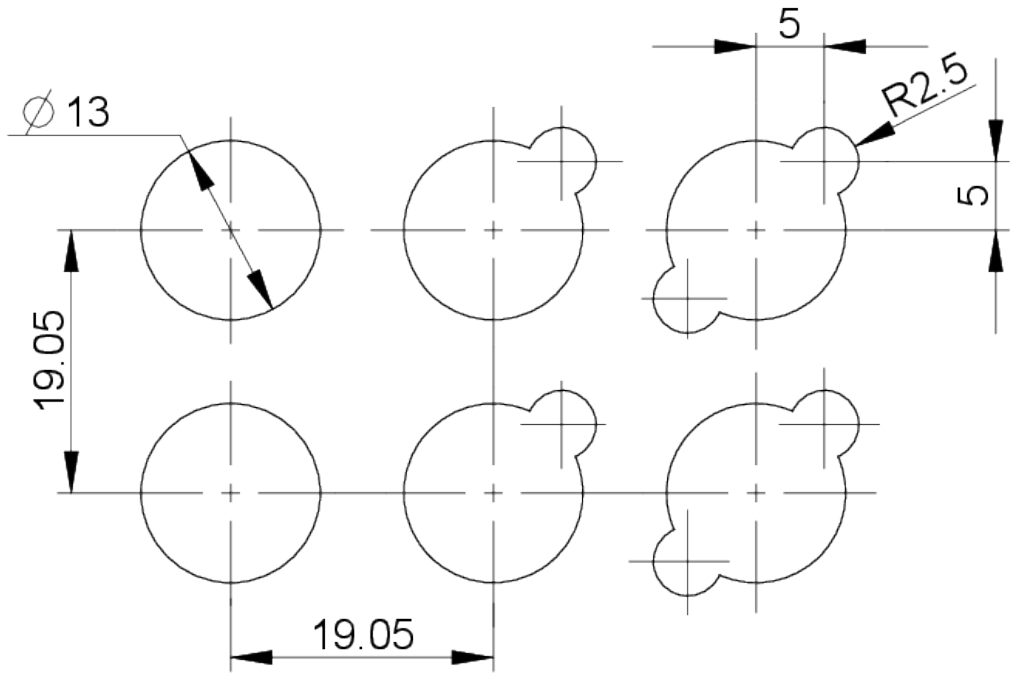
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Frontplatten-Zeichnung



Frontplatten-Zeichnung

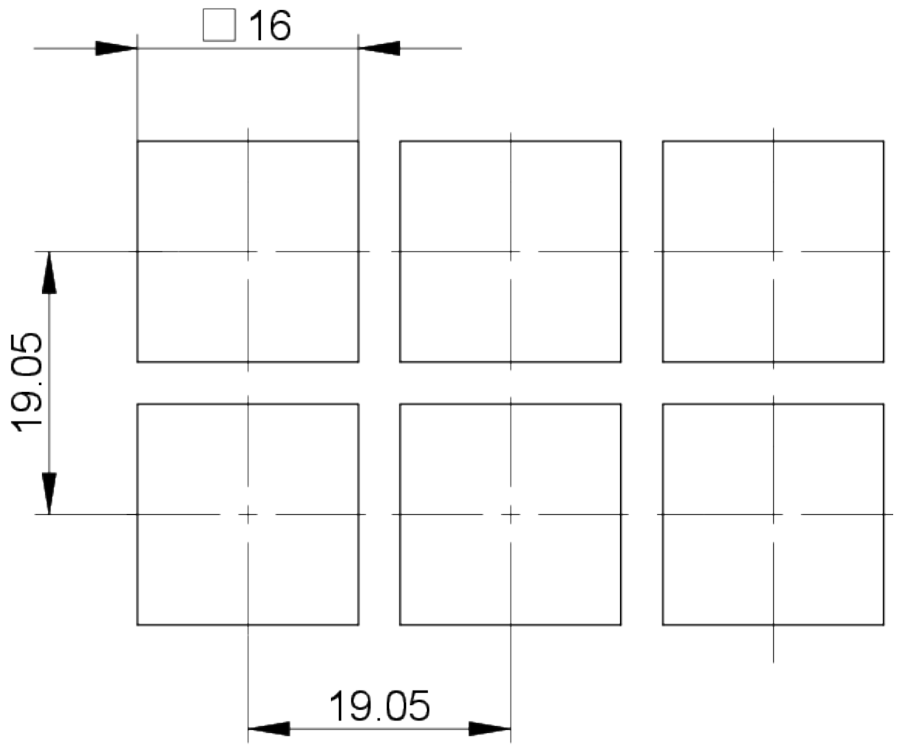


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