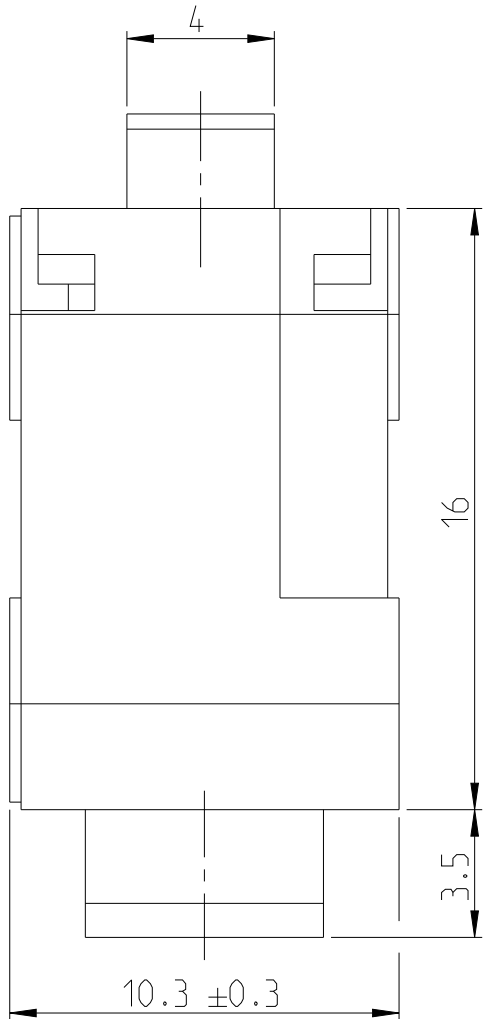
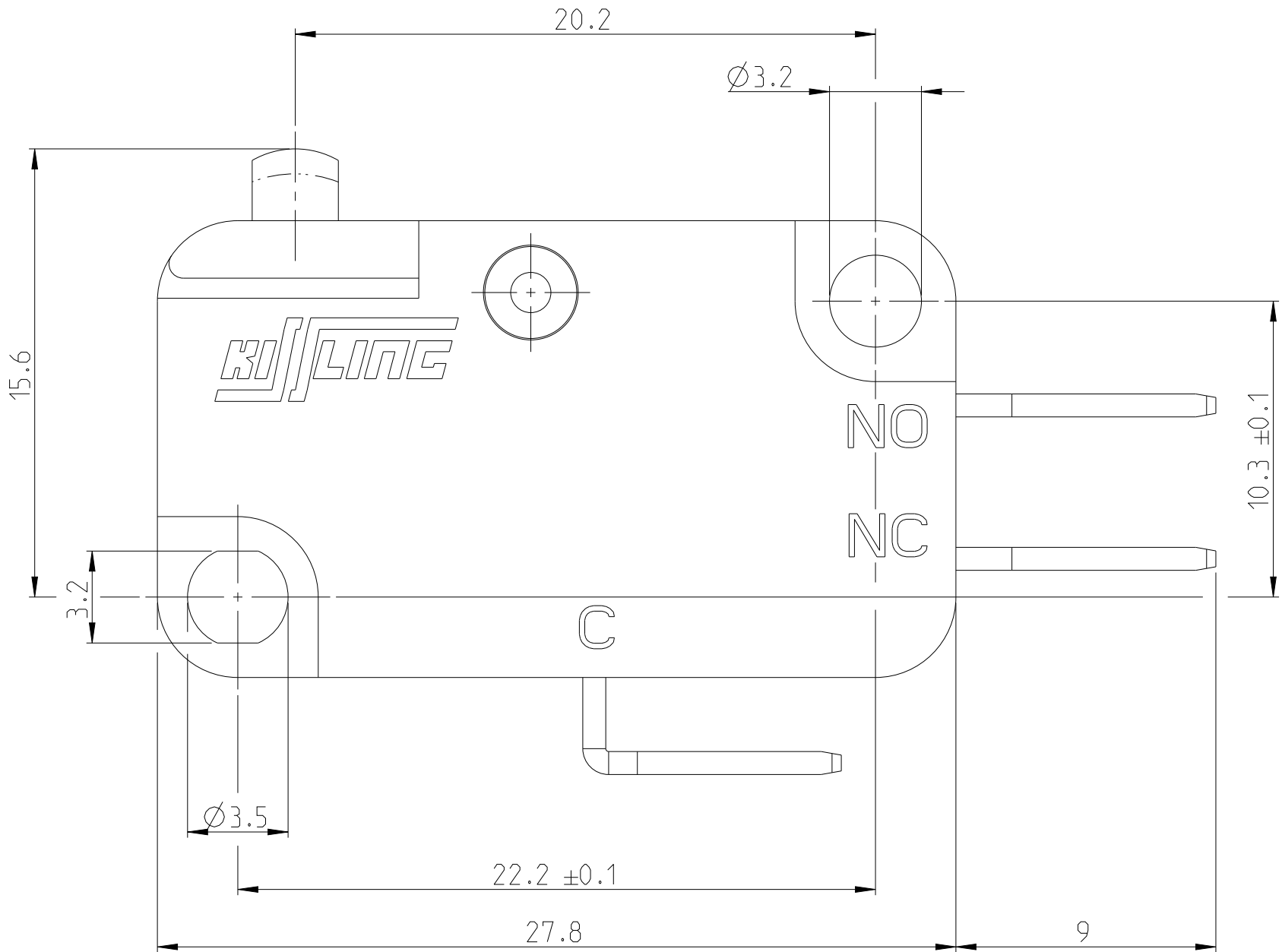


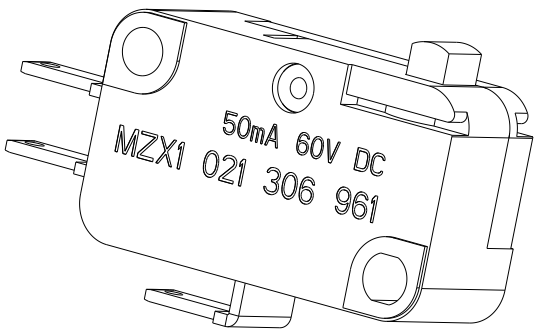
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	TE STANDARD	04SEP2024	KS	RB

NOTES
Bemerkungen

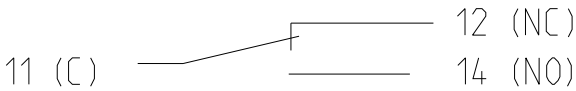
1 TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer



ISO 2:1



CIRCUIT DIAGRAM
Schaltbild



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	DIN ISO 2768 cl
	0 PLC ±
	1 PLC ±
	2 PLC ±
	3 PLC ±
	4 PLC ±
	ANGLES ±
	FINISH ±

DWN	P.Srikant	04SEP2024
CHK	K.Seeger	04SEP2024
APVD	U.Grindemann	04SEP2024
PRODUCT SPEC		
APPLICATION SPEC		
WEIGHT		
CUSTOMER DRAWING		

K1023025	1	A	MICRO SWITCH Mikroschalter	6.7	1
TE ORDER-NO.	REV.		DESCRIPTION	WEIGHT [g]	ITEM NO
TE Connectivity					
NAME MICROSWITCH Microswitch					
SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO	
A3	00779	C-MZX1-021-306-961		-	
SCALE				SHEET	REV
5:1				1 OF 2	A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

CONSTRUCTION

HOUSING MATERIAL.....Thermoplast GF
COVER MATERIAL.....Thermoplast GF
CONNECTION.....FLAT PLUG 2.8X0.8 FOR RECEPTACLES ACCORDING TO DIN 46 247
PROTECTION INTERIOR.....IP 40 IEC 60 529
CONNECTIONS.....IP 00 IEC 60 529

Aufbau

Gehaeusewerkstoff.....Thermoplast GF
Deckelwerkstoff.....Thermoplast GF
Anschluss.....Flachstecker 2,8x0,8 fuer SteckhuelSEN nach DIN 46 247
Schutzart Innenraum.....IP 40 IEC 60 529
Anschuesse.....IP 00 IEC 60 529

MECHANICAL DATA

PRE-TRAVEL.....0.5 to 1.1mm
OVERTRAVEL.....>1 mm
MOVEMENT DIFFERENTIAL.....0.05 TO 0.3 mm
OPERATING FORCE.....3N TO 4.5 N
RELEASE FORCE.....>1 N
MAX OPERATING FORCE.....<10 N
CURRENT CARRYING PARTS.....Cu-ALLOY
CONTACT MATERIAL.....Ag
LIFE CYCLE MECHANICAL.....30 MILLION
FREQUENCY.....200 PER MINUTE
OPERATING SPEED IN DIRECTION OF PLUNGER.....MAX. 0.5m/s
AMBIENT TEMPERATURE.....-40°C TO +300°C

Mechanische Daten

Vorlauf.....0,5 bis 1,1 mm
Nachlauf.....>1 mm
Differenzweg.....0,05 bis 0,3 mm
Schaltkraft.....3N bis 4,5 N
Rueckschaltkraft.....>1 N
Betaetigungskraft max.....<10 N
Stromfuehrende Teile.....Cu-Legierung
Kontaktwerkstoff.....Ag
Lebensdauer mechanisch.....30 Mio.
Schalthaeufigkeit.....200 pro Minute
Betaetigungsgeschwindigkeit in Stoesselrichtung.....max. 0,5 m/s
Umgebungstemperatur.....-40°C bis +300°C

ELECTRICAL DATA

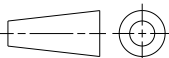
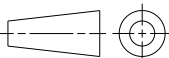
MAX. RATINGS.....60 VDC 50 mA
.....24 VDC 100 mA
.....12 VDC 250 mA
.....6 VDC 250 mA
MIN RATING.....5 VDC 2mA

Elektrische Daten

Schaltleistung max.....60 VDC 50 mA
.....24 VDC 100 mA
.....12 VDC 250 mA
.....6 VDC 250 mA
Schaltleistung min.5 VDC 2mA

LARGER LOADS WILL DAMAGE GOLD PLATING.

Das Schalten groesserer Leistungen fuehrt zur Zerstoe rung der Goldschicht

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P.Srikant 04SEP2024		 TE Connectivity									
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cl		NAME MICROSW ITC Microswitch									
		0 PLC ±		PRODUCT SPEC									
		1 PLC ±											
		2 PLC ±		APPLICATION SPEC									
		3 PLC ±											
		4 PLC ±											
		ANGLES ±											
MATERIAL		FINISH		SIZE A 3		CAGE CODE 00779		DRAWING NO C=MZX1-021-306-961		RESTRICTED TO -			
				WEIGHT									
CUSTOMER DRAWING								SCALE 5:1		SHEET 2 OF 2		REV A	