



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



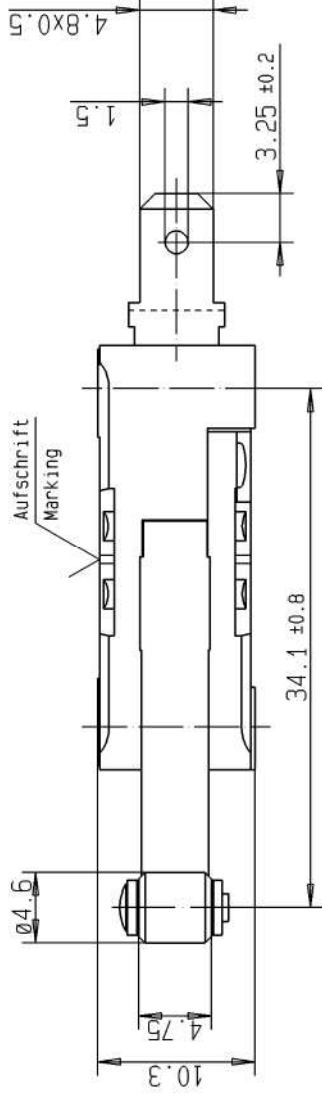
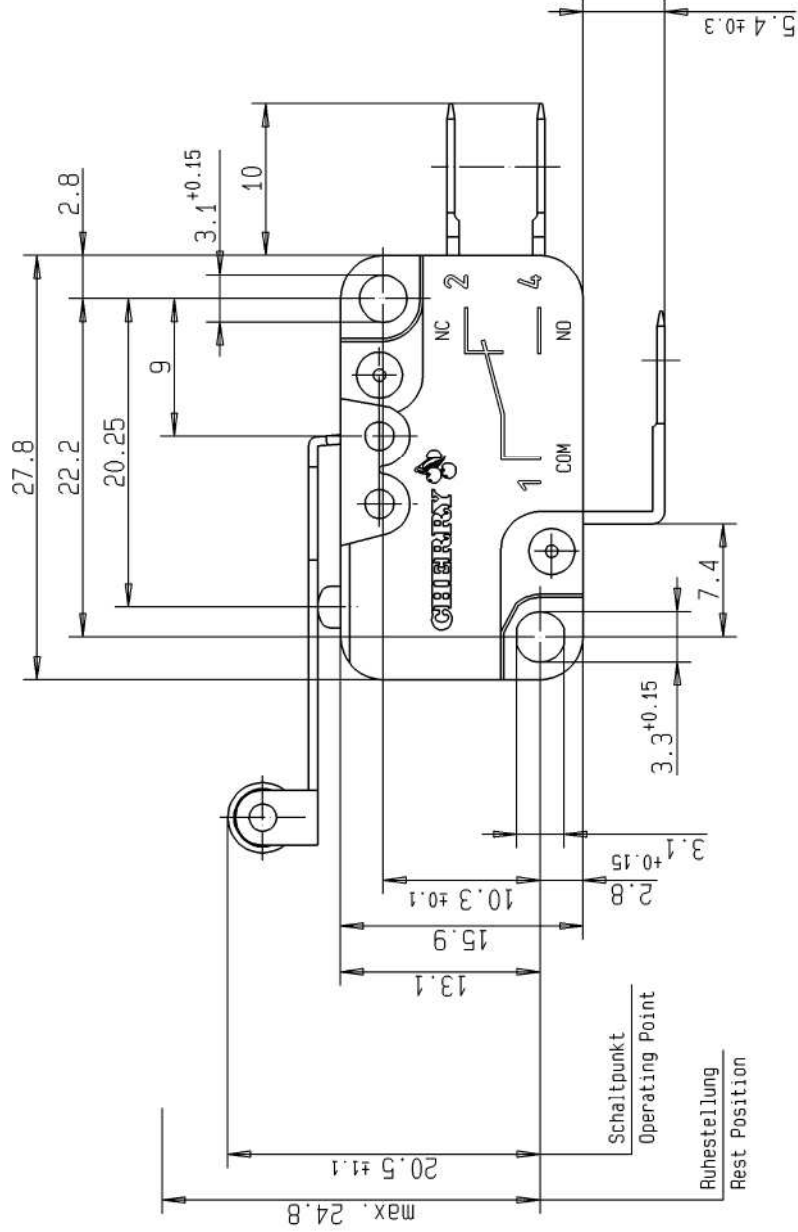
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Hinweis / Remark:

NC and NO dürfen bei gleichzeitigem Betrieb nur an gleichem Potential betrieben werden.
Die geforderten Kriech- und Luftstrecken werden bei aufgesteckten Flachsteckhülsen unterschritten, deren Einhaltung muß durch die Art des Einbaues sichergestellt werden oder der Anschluß darf nur mit geeigneten isolierten Flachsteckhülsen erfolgen.
NC and NO shall only be used at the same electrically potential.
The requirements of the creepage distances or clearances with mounted female tabs are not fulfilled, they have to be met by use of suitable insulated female tabs or by the way of building-in.

Index Rev.	50	17.12.12	HZ	176889	Änderung / Modification AM-Nr. / Document-No.
Werkstoffe / Materials:					
Gehäuse, Deckel: PET, UL 94 V-0 Case, Cover					
Betätiger : POM, UL 94 HB Button					
Anschluß COM : CuZn37, gal. Ag/silver plated Terminal					
Anschluß NC, NO: CuZn37 Terminal					
Kontakte : AgNi10 Contacts					
Zusatzbetätiger: Aux. Actuator					

Allgemeintoleranzen nach / General tolerances according to DIN ISO 2768-m
Winkeltoleranzen / Angle tolerances: ±2°

Weitere Angaben siehe technische Spezifikation TS-D4-00001.

Bei Abweichungen gelten die Zeichnungsangaben.

Further details please refer to technical specification TS-D4-00001.

In case there are any deviations, the details of the drawing have priority.

max.	3.2 mm	min.	2.2 mm	max.	0.8 mm	max.	40 cN	min.	8 cN
Vorlaufweg Pretravel	Nachlaufweg Overtravel	Differenzweg Movement Diff.	Betätigungskraft Operating Force	Rückschaltkraft Release Force					

Schaltleistung nach / Electrical Rating according to EN 61058: 10(3)A, 250V~ 5E4

Kontaktöffnungsweite : µ

Contact Disconnection

Umgebungstemperatur : 40T85

Temperature Rating

Kriechstromfestigkeit: PTI 300

Proof Tracking Index

Bauform nach / Type of Construction according to DIN 41635 Form A	Maßstab Scale: 2:1	Prüfzeichen: ENEC 10 DE CALUS Approvals
Datum	Date	Name / Name
17.12.2012	17.12.2012	W. Schnödt
Geprüft/Approved	17.12.2012	H. Zuber

Benennung / Description:

Miniaturschalter D44X
Miniature Switch

ZF Friedrichshafen AG

Electronic Systems

DE-91275 Auerbach/Opf.

Ersatz für / Replace for:

Kunde / Customer :

Teile-Nr. / Part No. :

D449 - R1RD

CAO-Ablage / CAO-file: /ems/d4/sts/d449-r1rd