



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!



Contact us

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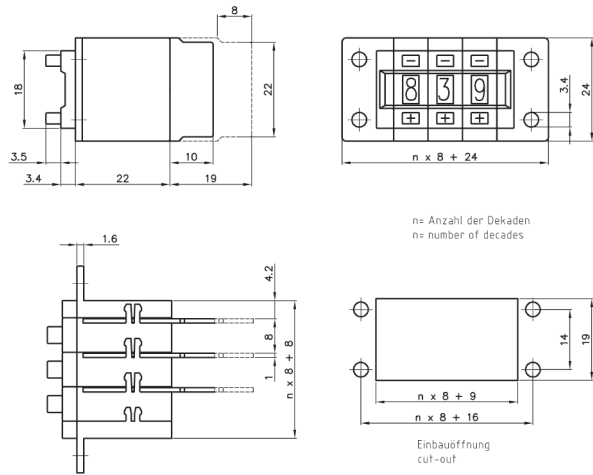
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DPS8



Zweitast-Codierschalter

- Kontaktbahnen mit abriebfester Hartgoldauflage
- 100% elektronische Endkontrolle

Durch Gold-auf-Goldkontakte erreichen wir den gleichbleibend geringen Übergangswiderstand. Die nach ISO 9001:2000 zertifizierte Fertigung und die 100% elektronische Endkontrolle garantieren die zuverlässige Funktion. Viele Sondervarianten sind auf Anfrage verfügbar und spezielle Ausführungen können nach Kundenwunsch hergestellt werden.

Dual push button switch

- Contacts with abrasion resistant hard gold plating
- 100% electronic final inspection and testing

Gold-gold-contacts have low and stable contact resistance. ISO 9001:2000 approved production together with 100% electronic final inspection and testing guarantee reliable operation. Many special designs are available on request or can be built according to customer's specification.

MECHANISCHE KENNWERTE		MECHANICAL DATA	
Baubreite		Width	8mm
Zul. Umgebungstemp.		Perm. ambient temp	-20 ... +80°C
Mech. Lebensdauer		Mech. lifetime	1 000 000 Schaltschritte / 1 000 000 steps
Betätigungskraft		Operating force	ca. 4N / approx. 4N
Gewicht		Weight	ca. 4g / approx. 4g
Ziffernhöhe 10-stellig		Digit height 10-digit	4,9mm
Ziffernhöhe 16-stellig		Digit height 16-digit	3,4mm
Tastvorgang (Druckpunkt)		Click action	fühlbar / marked
Vibrationstest		Vibration testing	nach DIN EN 60068-2-6 / acc. DIN EN 60068-2-6
Schocktest		Shock testing	nach DIN EN 60068-2-27 / acc. DIN EN 60068-2-27
ELEKTRISCHE KENNWERTE		ELECTRICAL DATA	
Betriebsspannung		Operating voltage	≤ 40V
Kontaktbelastung statisch		Contact load, static	≤ 1A
Kontaktbelastung dynamisch (Ohmlast)		Contact load, dynamic (resistive)	≤ 100mA
Übergangswiderstand bei Printplatte AK (gemessen von Zuleitung bis Ausgang)		Contact resistance for PCB AK (measured from supply line to output)	<100mΩ
MATERIAL		MATERIAL	
Gehäuse		Housing	PPO
Printplatte Basismaterial		PCB base material	FR4 bzw. CEM3 DIN IEC249-2 / FR4 or CEM3 DIN IEC249-2
Kontaktfläche		Contact surface	Au über Ni auf Cu / Au over Ni on Cu
Schleifkontakt		Sliding contact	Au über Ni auf CuSn6 / Au over Ni on CuSn6

2 CODIERUNGEN / CODES

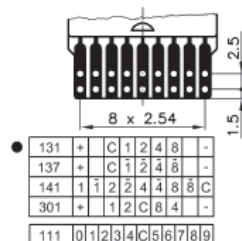
	Pos				
Decimal	10	Code: DPS8 111	3	4	5
BCD	10	Code: DPS8 131	3	4	5
BCD Complement	10	Code: DPS8 137	3	4	5
BCD+Complement	10	Code: DPS8 141	3	4	5
Hexadecimal	16	Code: DPS8 301	3	4	5

Codiertabellen siehe Seite 211 / Coding tables please see page 211

3 PRINTPLATTE / PCB

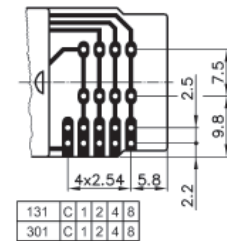
Kurz / Short

Code: DPS8 2 **A K** 4 5



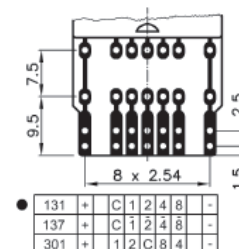
Lang / Long

Code: DPS8 2 **A L U** 4 5



Lang /Long

Code: DPS8 2 **A L** 4 5



● kurzschließende Schaltweise / shorting switching mode

Bei binärcodierten Ausführungen sind die Ausgangsleitungen werksseitig unterbrochen.

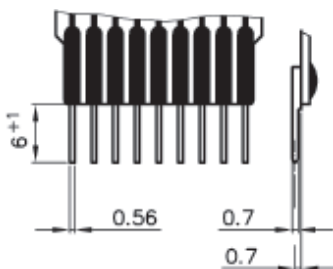
For binary coded versions the output tracks are disconnected in the factory.

Bohrungen Ø1mm für Löt- und Steckanschluss /Through holes Ø1mm for soldering /socket connections

4 ZUSATZ / SUFFIX

mit Lötstiften / with solder pins

Code: DPS8 2 3 **LS** 5



ohne Lötstifte / without solder pins

o. Abb. / no picture Code: DPS8 2 3 5

5 FARBE / COLOUR

Gehäuse schwarz, Ziffernrolle schwarz, Beschriftung weiß / housing black, drum black, digits white

Code: DPS8 2 3 4 **2**

ZUBEHÖR / ACCESSORIES

Abschlussplattenpaar / pair of end plates

Code: DPS8-P/W

