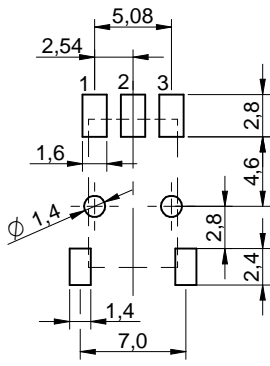
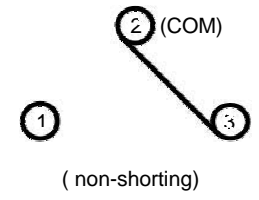


P.C.B MOUNTING PLAN



SCHEMATIC



SPECIFICATION

- >Rating: 0.4VA maximum @ 28V AC/DC maximum (Applicable Range 0.1mA ~ 0.1A @ 20mV ~28V)
- >Contact Resistance :
 - Initial : 50mΩ max.
 - After Life Test : 500mΩ max.
- >Insulation Resistance : min. 500MΩ at 500VDC
- >Dielectric Strength : 500VAC for 1 minute
- >Total-Travel : 1.1 ±0.2 mm
- >Bounce : 10 ms
- >Switch function : momentary
- >Actuator function : Auto-return

MATERIAL

- >Bracket : Copper Alloy with Tin
- >Cover : PA46 UL 94 V-0, color White
- >Actuator : PA46 UL 94 V-0, color White
- >Contact : Copper Alloy with Silver
- >Terminal : Copper Alloy with Gold
- >Spring : Steel

SOLDERING INFORMATION

- >Terminal in SMD version
- >Reflow soldering according to JEDEC J-STD 020 Hot Air
- >Hand soldering under 350°C for 3sec. max

ENVIRONMENTAL

- Storage condition : -40°C ~ +85°C
- Operation condition : -40°C ~ +85°C
- Compliance : ROHS, Reach

PACKAGING INFORMATION

> Tape & Reel

Part number	Force	Switching function	Schematic	Life Cycle
465 031 712 505	250g ± 100g	ON - ON	SPDT	30.000

Scale - 2:1

				Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions	CREATED DaF	CHECKED JLi	GENERAL TOLERANCE DIN ISO 2768-1m	PROJECTION METHOD 	SIZE A4				
				Max-Eyth-Str. 1 74638 Waldenburg Germany com. +49 79 42 945 - 0	DESCRIPTION WS-PBSU Push Button Switch, Side push type, SMT version					TECHNICAL REFERENCE			
				www.we-online.de eiSos@we-online.de	SIZE 9.8*18.5*5.9mm					STATUS Released	DATE 2015-02-09	BUSINESS UNIT SWITCH	PAGE 1 / 1
c	dimension change part and pcb	2016-06-28	DaF		ORDER CODE 465031712505								
b	Spring: Carbon Steel; Switsching function	2015-03-23	DaF										
a	Contact: Copper Alloy with Silver; Schematic	2015-03-17	DaF										
REV.	FILE	DATE	BY										



This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Würth Elektronik eiSos GmbH & Co KG products are neither designed nor intended for use in areas such as military, aerospace, aviation, nuclear control, submarine, transportation (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc.. Würth Elektronik eiSos GmbH & Co KG must be informed about the intent of such usage before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.