

EDCON-COMPONENTS



Technical Discription

Mechanical Characteristics

Changover angle:	30° ±3°
Click Torque:	500 ± 200gf.cm
Push-Pull Strength of Shaft:	Pull 8,0kgf Push 8.0kgf min at 10sec.
Shaft Wobble:	0,7xL/30mm P-P max. L-shaft length
Bushing Nut Tighten Strength:	7,0kgf. Cm Min.
Shaft play in axial direction:	0,4mm Max.
Shaft play in rotation wobble	5° Max.
Rotation Stopper Strength:	5.0kgf.cm Min.

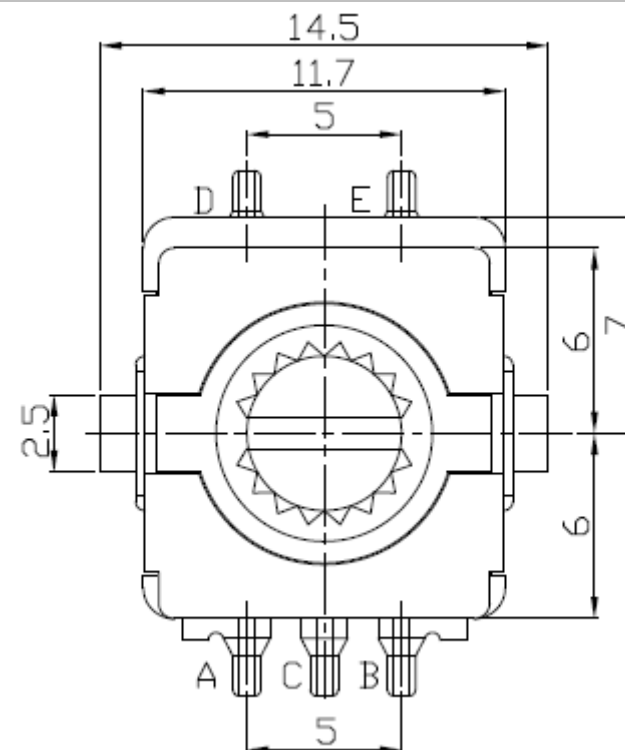
Mechanical Characteristics

Rated Power:	DC 15V 3A Max.
Poles:	1, 2, 3, 4 ,5 ,6
Sections:	2, 3 ,4 ,5 ,6
Contact resistance between terminals:	100mΩ Max.
Insulation Resistance:	100MΩ Min at DC 500V.
Dielectric Strength:	1 minute at AC 500V

Endurance Characteristics

Rotational Life:	15000 cycles
Storage Temperature Range:	.- 40°C to +85°C
Operating Temperature Range:	.- 30°C to +80°C

Drawing



Multiway switch is mainly used in small machinery equipment, household appliance, toaster, and kettle. Multiway switch has different gears like second gear, third gear, fourth gear, fifth gear and sixth gear and so on. Multiway switch can match with nut and gasket.

Pulse Rotary Switch SMT-V-Type

Part No.: **Q63003**

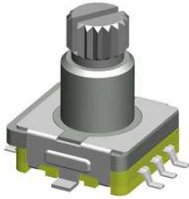
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	22.09.2015
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

Customer:

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS

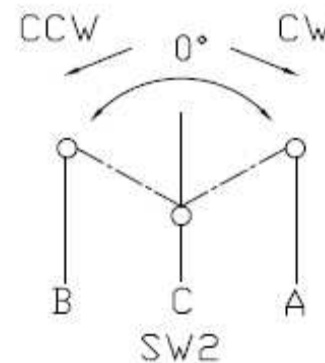


Circuit Diagram

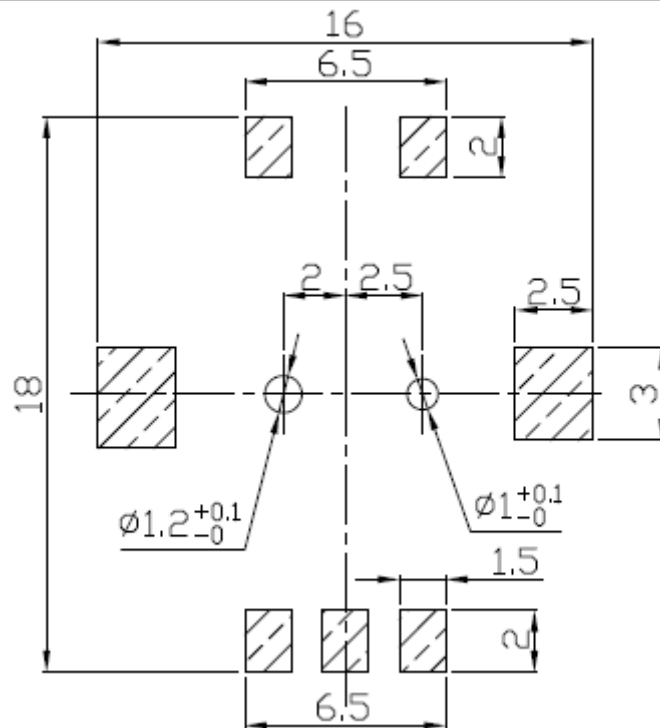
Drawing (unit mm)

L ≤ 10 L < 10 100 ≤ L
± 0,3 ± 0,5 ± 0,8

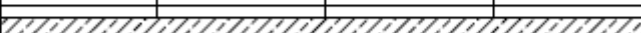
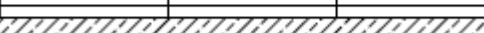
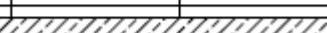
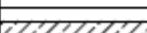
Angle
± 5°



PCB Layout PCB View



CW ← → CCW
CODE TALE () ON

Terminal \ Angle	45°	23°	0°	23°	45°
A					
C					
B					

Pulse Rotary Switch SMT-V-Type

Part No.: **Q63003**

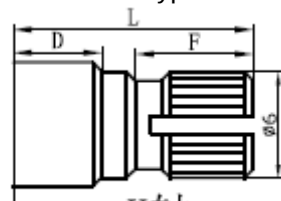
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	22.09.2015
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 5	

EDCON-COMPONENTS



Shaft Type K

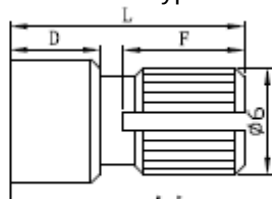


K轴

Metal Shaft length

D=7mm				
L	20	22	25	mm
F	11	13	5	mm
Order Code	K1	K2	K3	
Order Code Type K				

Shaft Type V

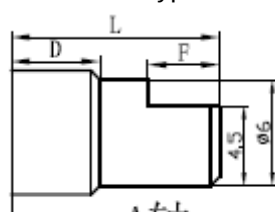


V轴

Metal Shaft length

D=5mm								
L	9	10	10,5	11	11,5	13	15	mm
F	3,5	4	5	4,5	5,5	7	7	mm
Order Code	V01	V02	V03	V04	V05	V06	V07	
D=7mm								
L	12,5	15	16,5	17	17	23		mm
F	4	6	8	5	9	10		mm
Order Code	V08	V09	V10	V11	V12	V13		
Order Code Type V								

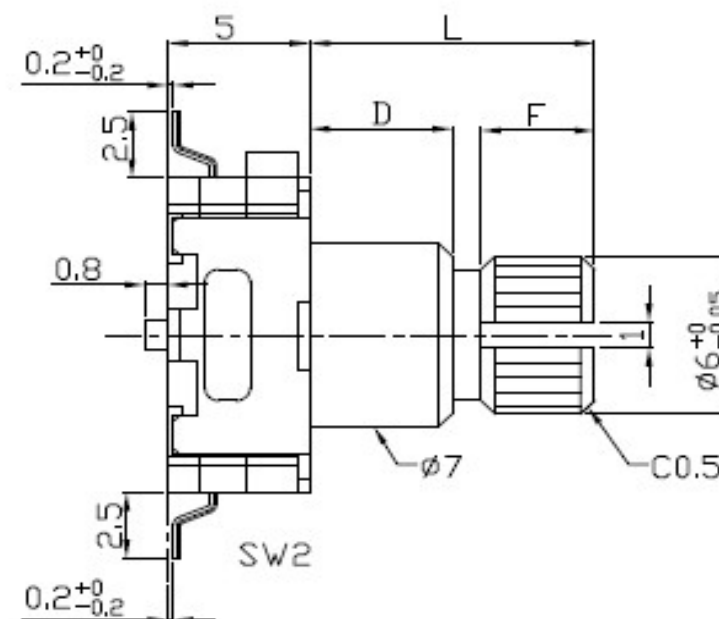
Shaft Type A



A轴

Plastic Shaft length

D=5mm								D=7mm									
L	9	10	11	12	13	14	15	12,5	14,5	16,7	17,5	18	19	20	21,5	32	mm
F	3	4	5	5	6	6	7	4	7	7	7	7	9	10	10	10	mm
Order Code	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	
Order Code Type A																	Order Code Type B



Pulse Rotary Switch SMT-V-Type

Part No.: **Q63003**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	22.09.2015	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 5	

EDCON-COMPONENTS



Ordering Informations

Serie	Special Code	Shaft Type	Order Code Shaft Type	Body Height Code H	ROHS	Packing				
Q63003	000	A	XXX	1	R	TY				

000 = without function	A = Type	XXX = look dimension Table Shaft	1 = Body Height 10mm	R = ROHS Conform	BU = Bulk-Ware
	K = Type		1 = Body Height 12,5mm		
	V = Type				TY = Tray Package

Pulse Rotary Switch SMT-V-Type

Part No.: **Q63003**

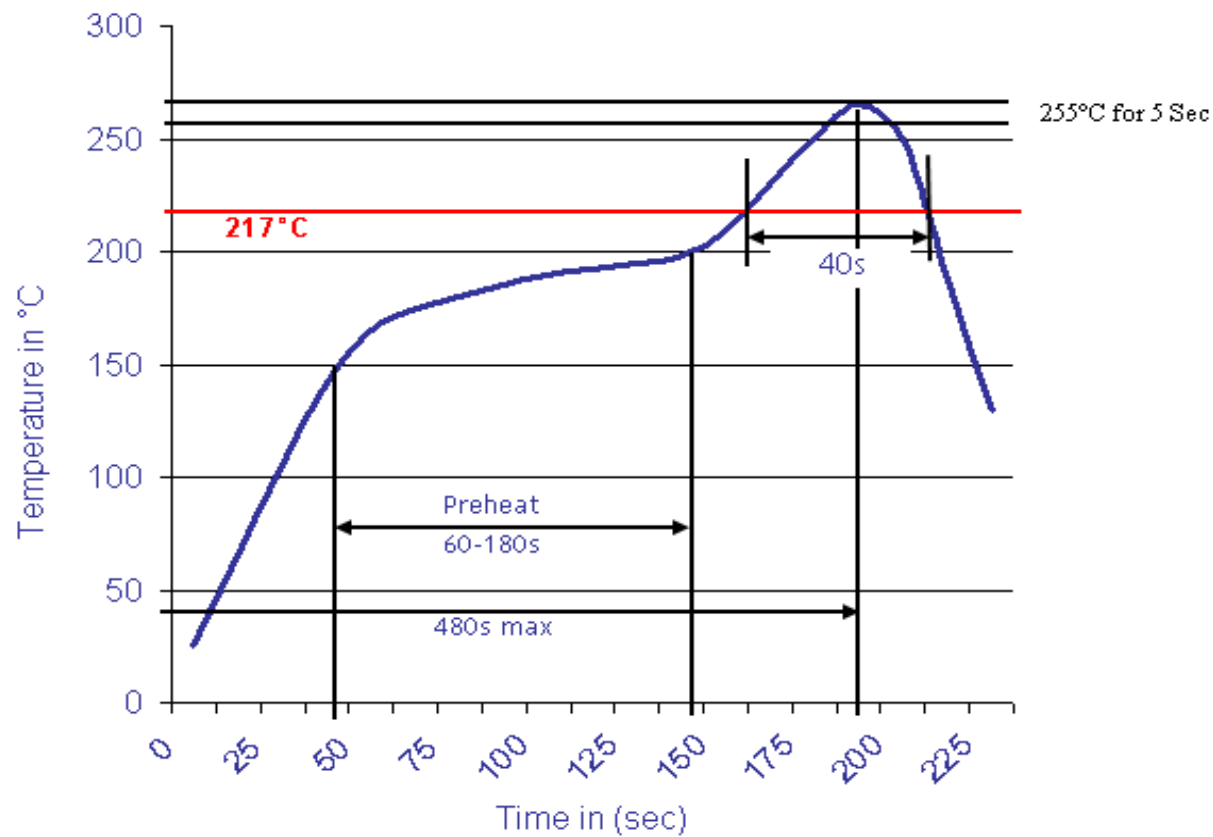
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	22.09.2015
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 5	



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



Pulse Rotary Switch SMT-V-
Type

Part No.: **Q63003**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	22.09.2015
APPD:	Schumi			FINISH	Jamy		Sheet No.	5 from 5	