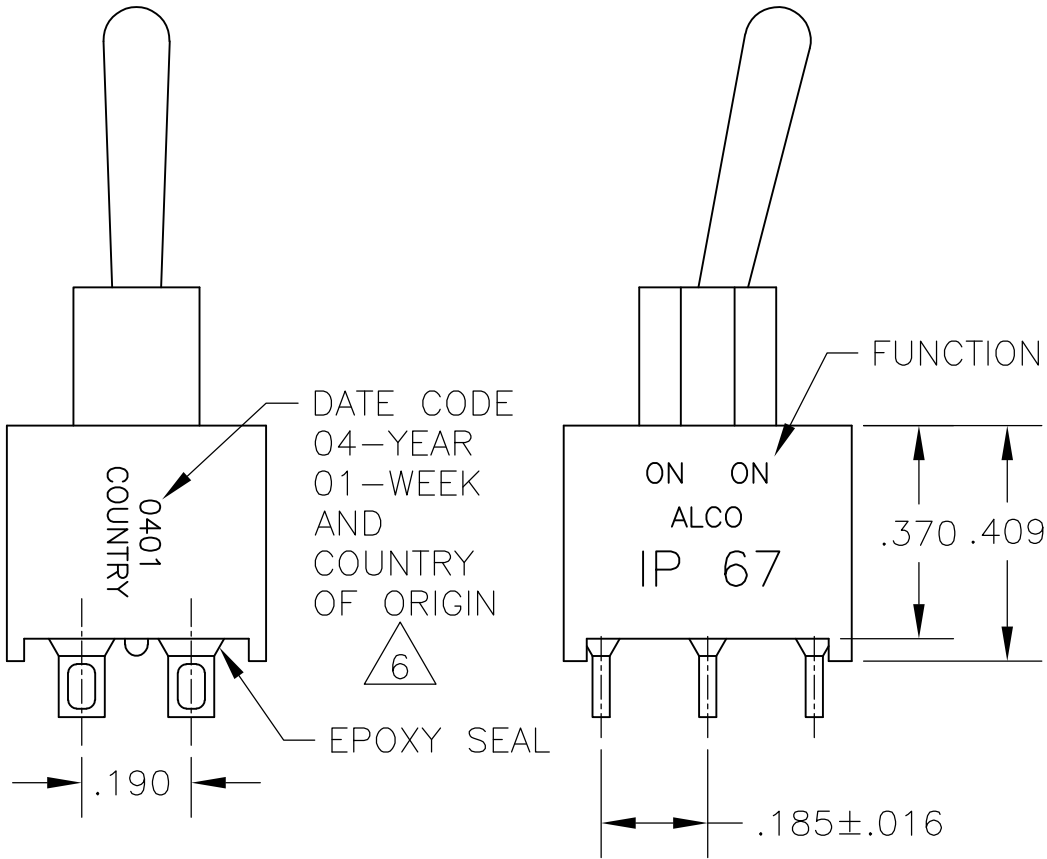
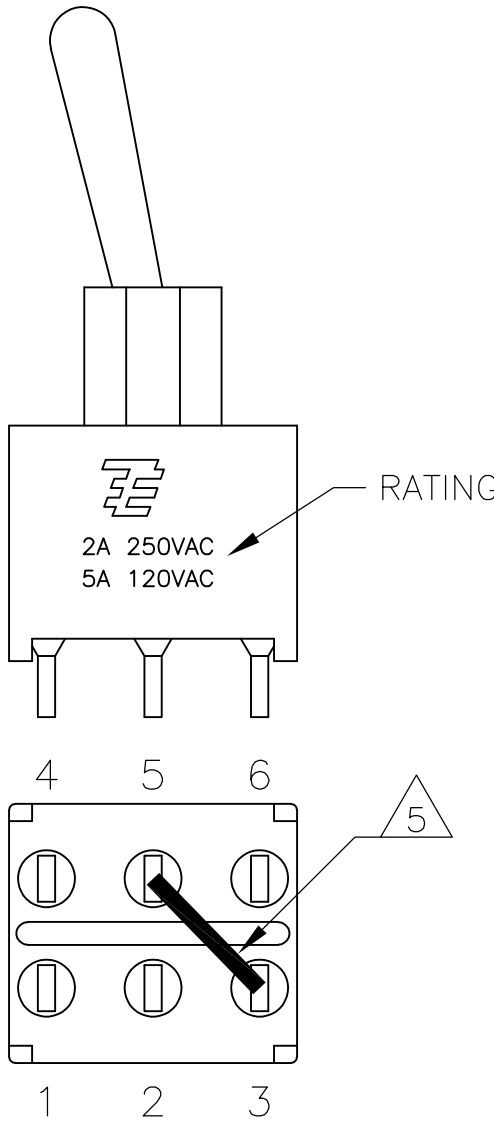
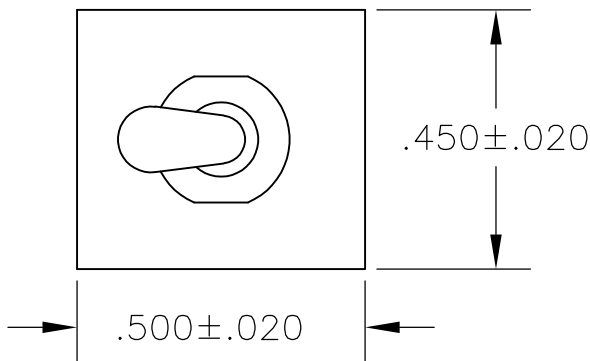


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A5	REVISED PER ECO-14-005988	23APR2014	NK	RH



FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2-3, 5-6	2-3, 4-5	1-2, 4-5
SP3T SCHEMATIC (11, 13 & 15 ONLY) SEE NOTE 6			
	IN 2, OUT 6	IN 2, OUT 4	IN 2, OUT 1
None: No mechanical position Off: Mechanical position with no electrical connection (On): Momentary action			

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
 - G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON SWITCH IS 2A 250VAC, 5A 120 VAC.
 - SWITCHES MEETS REQUIREMENTS OF IP67.
- 5 SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13 & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 AND 5.
- 6 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 7 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS-SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR 5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2-4VDC, 100ma
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	-30C TO 85C

PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
EXAMPLE: AE201MD1AB04	01	M	D1	A	B	04
	03	S		AV2	G	
	05			C	Q	
	07			V30		
	08			V40		
	11			W		
	13			W4		
	15			Z		
				Z3		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO	23MAY05	TE Connectivity		
DIMENSIONS: INCHES		CHK M. ZITTO	-			
		APVD M. ZITTO	-	NAME GEMINI AE SERIES TOGGLE SWITCH, DOUBLE POLE		
		PRODUCT SPEC	-			
MATERIAL -		APPLICATION SPEC	-	SIZE A2	CAGE CODE 00779	DRAWING NO C=1825143
		FINISH -	-	WEIGHT -	SCALE 3:1	SHEET 1 of 3
CUSTOMER DRAWING				RESTRICTED TO -	REV A5	

4

3

2

1

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LOC
AD

DIST
00

REVISIONS

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

Diagram M: SHORT. Dimensions: $\phi .105$, .300.

Diagram S: STANDARD. Dimensions: $\phi .115$, .500.

Diagram D1: BUSHING. Dimensions: $\phi .238$, $.219^{+.000}_{-.020}$, .240.

Diagram Z: WIRE LUG. Dimensions: .156, .047 x .078 HOLE, .080, .030 THK.

Diagram Z3: QUICK CONNECT. Dimensions: .250, .189, .062, .030 THK.

OPTION	DIM A
W	.736
W4	1.062

Diagram W: WIRE WRAP. Dimensions: .050, .030 THK.

M SHORT

S STANDARD

D1 BUSHING

Z WIRE LUG

Z3 QUICK CONNECT

W W4 WIRE WRAP

Diagram C: PRINTED CIRCUIT. Dimensions: .250, .189, .050, .030 THK. $\phi .073$ TYP, .185 TYP. RECOMMENDED PCB LAYOUT.

Diagram A: RIGHT ANGLE. Dimensions: .048 TYP, .129 TYP, .200.

Diagram TYCO LOGO SIDE. Dimensions: .016, .050 TYP, .137 TYP, .150 ± .016 TYP, .232, .500.

Diagram PCB LAYOUT 1. Dimensions: .500, .450, .185 ± .016 TYP, .030 TYP, .185 TYP.

Diagram PCB LAYOUT 2. Dimensions: .185 TYP, .500, $\phi .073$ TYP, .200. RECOMMENDED PCB LAYOUT.

C PRINTED CIRCUIT

A RIGHT ANGLE

Diagram V30: VERTICAL SUPPORT BRACKET. Dimensions: .220 TYP, .050 TYP, .050 TYP, .020 TYP, .620 TYP, .030 TYP, .185 ± .016 TYP, .125 TYP, .320 TYP.

Diagram V40: VERTICAL SUPPORT BRACKET. Dimensions: .048 TYP, .185 TYP, .125 TYP, .320 TYP.

Diagram PCB LAYOUT 3. Dimensions: .125 TYP, $\phi .073$ TYP, .185 TYP, .620 TYP, .125, .190 TYP. RECOMMENDED PCB LAYOUT.

OPTION	DIM A
V30	.460
V40	.630

Diagram AV2: VERTICAL RIGHT ANGLE. Dimensions: .050 TYP, .112 TYP, .048 TYP, .200, .016, .232, .500, .125 TYP, .030 TYP, .150 ± .016 TYP, .190 TYP, .050 TYP, .450, .500, .200, .150 TYP, $\phi .073$ TYP. RECOMMENDED PCB LAYOUT.

V30 V40 VERTICAL SUPPORT BRACKET

AV2 VERTICAL RIGHT ANGLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± .010
4 PLC	± -
ANGLES	± 2°
FINISH	-

DWN
M. ZITTO

CHK
M. ZITTO

APVD
M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

18MAY05

TE Connectivity

GEMINI AE SERIES TOGGLE SWITCH, DOUBLE POLE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825143

RESTRICTED TO

SCALE
3:1

SHEET
2 of 3

REV
A5

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

Alco P/N	P/N
AE201MD1AB04	1825143-1
AE201MD1AQ04	1825143-2
AE201MD1AV2B04	1825143-3
AE201MD1CB04	1825143-4
AE201MD1CQ04	1825143-5
AE201MD1W4B04	1825143-6
AE201SD1AB04	1825143-7
AE201SD1AG04	1825143-8
AE201SD1AV2B04	1825143-9
AE201SD1CB04	1-1825143-0
AE201SD1CQ04	1-1825143-1
AE201SD1W4B04	1-1825143-2
AE203MD1AB04	1-1825143-3
AE203MD1AQ04	1-1825143-4
AE203MD1AV2B04	1-1825143-5
AE203SD1AB04	1-1825143-6
AE203SD1AV2B04	1-1825143-7
AE203SD1AV2Q04	1-1825143-8
AE203SD1CB04	1-1825143-9
AE203SD1W4B04	2-1825143-0
AE205MD1AV2B04	2-1825143-1
AE205SD1CQ04	2-1825143-2
not assigned	2-1825143-3
AE207MD1AB04	2-1825143-4
AE208SD1W4B04	2-1825143-5
AE211MD1CB04	2-1825143-6
AE211MD1V30B04	2-1825143-7

MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE & BUSHING	NYLON, RED, UL94 V-0	
O-RING	PVC, BLACK	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	GOLD FLASH OVER SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
LEVER	BRASS	CHROME
SPRING	MUSIC WIRE	
PIVOT PIN	STEEL	NICKEL
LOCK WASHER	STAINLESS STEEL	
LOCKING RING	STAINLESS STEEL	
NUTS	BRASS	NICKEL
TERMINAL SEAL	EPOXY, UL94V-0	
MARKING	INK, BLACK	
SUPPORT BRACKET	BRASS OR STEEL	TIN
SUPPORT BRACKET RETAINER	STAINLESS STEEL	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

DWN
M. ZITTO

CHK
M. ZITTO

APVD
M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

18MAY05

-

-

-

-

-

3:1

TE Connectivity

GEMINI AE SERIES TOGGLE SWITCH,
DOUBLE POLE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

1825143

-

SCALE

SHEET

REV

3:1

3 of 3

A5

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<http://moschip.ru/get-element>

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9