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LOCAD

DIST00

REV

DESCRIPTION

DATE

DWN

APVD

C4

REVISED

PER

ECO-14-010935

19JUL2014

NK

RH

Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol resin, UL94 HB, black	
6	Plunger	stainless steel	
7	Spring	music wire	
8	Toggle	brass	chrome or Nickel
9	Retainer	Polyamide, UL94 HB, black	
10	Frame	cold rolled steel	zinc or Nickel
11	Bushing	brass	100 microinches min. nickel over 10 microinches min. copper
12	Mounting nut (1)	brass	200 microinches min. bright nickel
14	Internal tooth lockwasher	steel	zinc or Nickel
15	O-Ring, toggle seal		
16	O-Ring, panel seal		

NOT TO SCALE

Specifications-see note 3				
Current rating UL & CSA	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
Termination resistance	20 milliohms max @ 2-4 VDC, 1A			
Insulation resistance	1,000 megohms min.			
Withstanding voltage	1,000 VAC			
Travel	24 +/-6 degrees			
Actuation force	.05 to 1.5 kgf			
Operating temperature	-20C to +85C			
Storage temperature	-40C to +85C			
Contact timing	break before make			
Terminal seal	epoxy or Insert molded			
Durability	Parameter	2 Position	3 Position	Momentary
	mechanical (no load)	150,000	100,000	80,000
	250 VAC (3A resistive)	80,000	60,000	60,000
	125 VAC (6A resistive)	80,000	60,000	60,000
	28 VDC (4A resistive)	60,000	50,000	40,000

RECOMMENDED PANEL LAYOUT

TO PREVENT ROTATION

1 POLE

2 POLES

3 POLES

4 POLES

PC BOARD LAYOUT

PC TERMINAL ONLY

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.

2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:

(2) 1/4-40 UNS-2B HEX NUTS

(1) INTERNAL TOOTH LOCKWASHER

(1) LOCATING RING

5. WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.

6. CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.

7. OBSOLETE

8. LASER MARKING USED FOR PARTS.

Part Number	Alco Model	Poles	Throws	Function	Terminal				Comments
8-1437558-1	MTE406P	4	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9, 11-12	Off	2-1, 5-4, 8-7, 11-10	
8-1437558-0	MTE406N	4	2	ON ON	Wire lug	2-3, 5-6, 8-9, 11-12	---	2-1, 5-4, 8-7, 11-10	
7-1437558-9	MTE306E	3	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9	Off	2-1, 5-4, 8-7	
7-1437558-8	MTE306D	3	2	ON ON	Wire lug	2-3, 5-6, 8-9	---	2-1, 5-4, 8-7	
7-1437558-7	MTE206T	2	2	ON OFF(ON)	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
7-1437558-6	MTE206S	2	2	(ON) OFF (ON)	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
7-1437558-5	MTE206R	2	2	ON (ON)	Wire lug	2-3, 5-6	---	2-1, 5-4	
7-1437558-4	MTE206PA	1	3	ON ON ON	Wire lug	5-6	5-3	5-1	note 6
7-1437558-3	MTE206P	2	2	ON OFF ON	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
7-1437558-2	MTE206N	2	2	ON ON	Wire lug	2-3, 5-6	---	2-1, 5-4	
7-1437558-1	MTE106G	1	2	(ON) OFF (ON)	Wire lug	2-3	OFF	2-1	
7-1437558-0	MTE106F	1	2	ON (ON)	Wire lug	2-3	---	2-1	
6-1437558-9	MTE106E	1	2	ON OFF ON	Wire lug	2-3	Off	2-1	
6-1437558-8	MTE106D	1	2	ON ON	Wire lug	2-3	---	2-1	

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DIMENSIONS: INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± .

1 PLC ± .

2 PLC ± .

3 PLC ± .005

4 PLC ± .

ANGLES

FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M. BINNER

CHK M. ZITTO

APVD M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

OBAPR04

OBAPR04

OBAPR04

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

TOGGLE SWITCH, MTE SERIES

VERTICAL MOUNT

100779

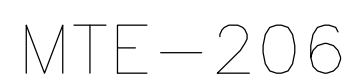
6-1437558-8

SCALE 2:1

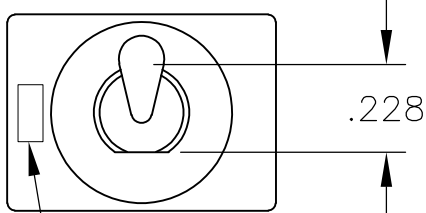
SHEET 1 OF 3

REV C4

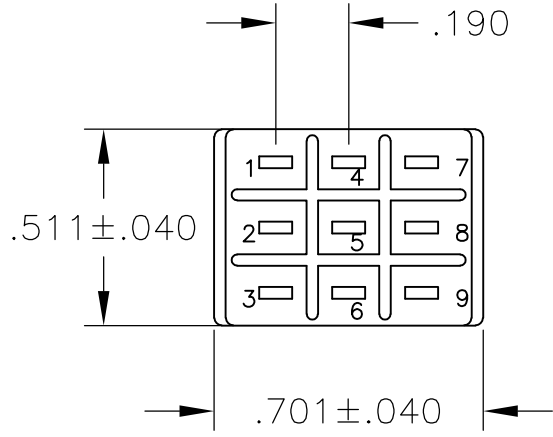
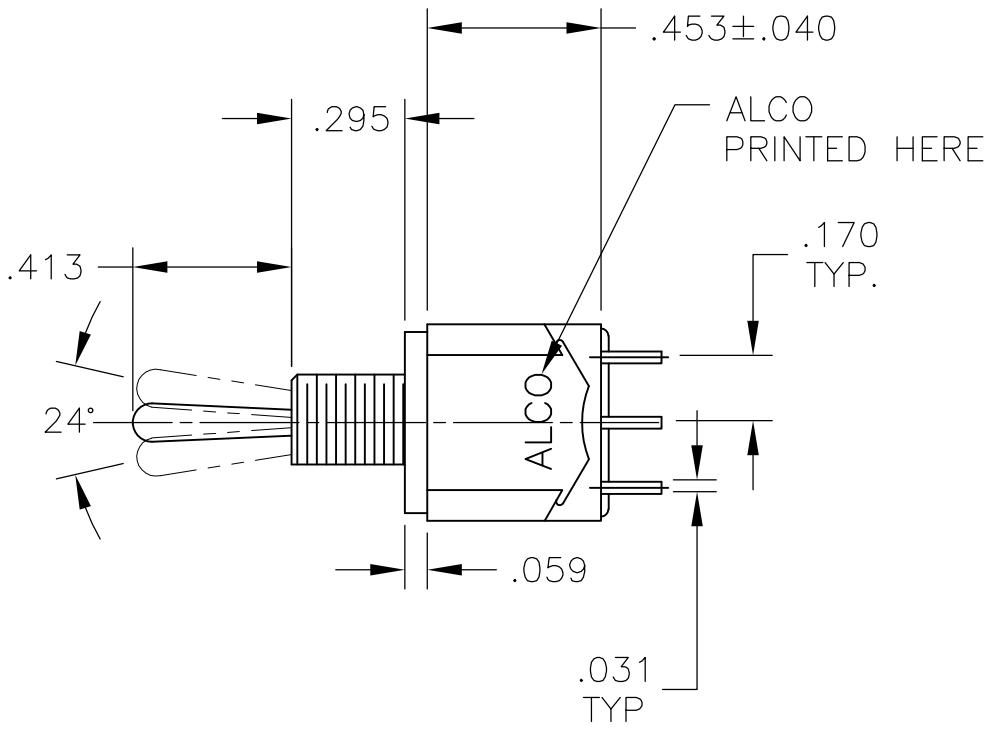
4805 (3/11)

4805 (3/11)

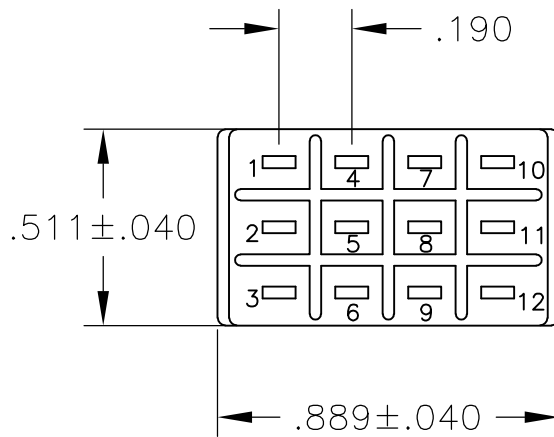
LOC	DIST	REVISIONS				
		REV	DATE	BY	APP'D	DESCRIPTION
AD	00	—	—	—	—	SEE SHEET 1



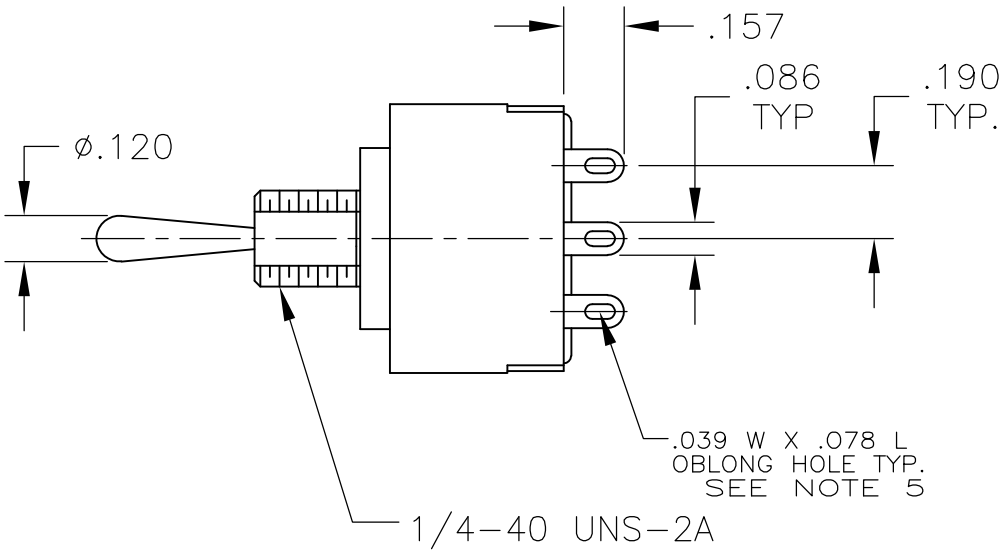
COUNTRY OF ORGIN STAMPED HERE EXISTING SWITCHES ONLY



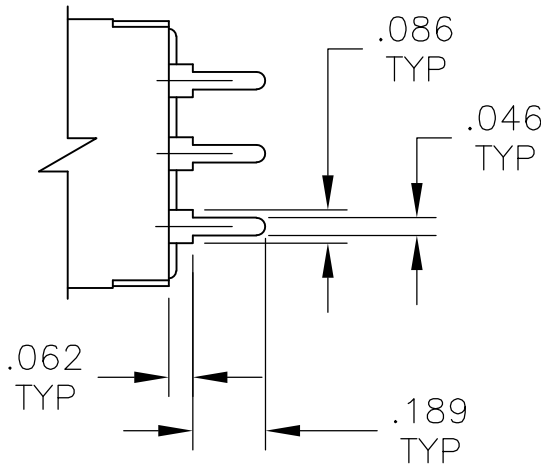
MTE-306



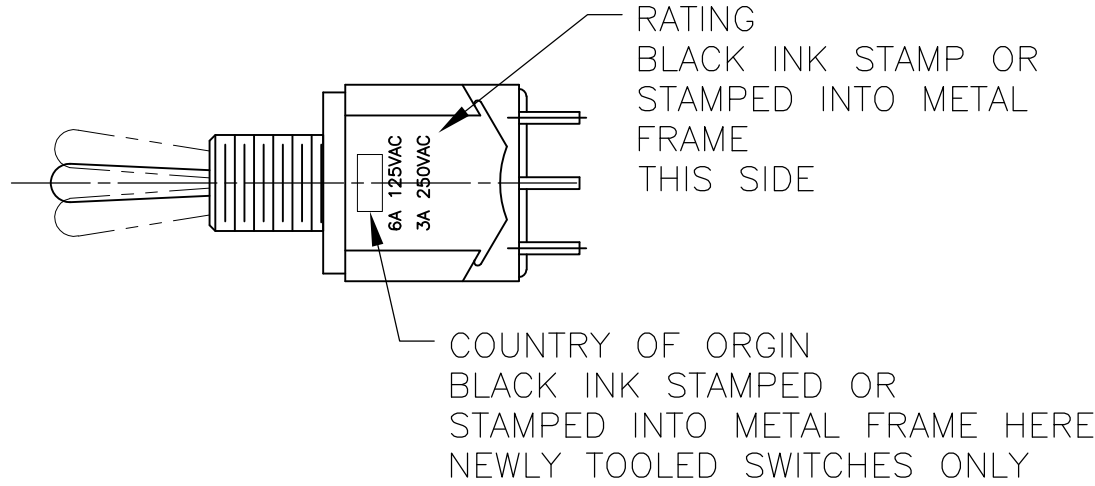
MTE-406



WIRE LUG TERMINAL



PC TERMINAL



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DWN
M. BINNER

CHK
M. ZITTO

APP'D
M. ZITTO

08APR04
08APR04
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DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± .005
1. PLC ± .005
2. PLC ± .005
3. PLC ± .005
4. PLC ± .005
ANGLES ± .005

MATERIAL
—

FINISH
—

TE Connectivity

NAME
TOGGLE SWITCH, MTE SERIES
VERTICAL MOUNT

SIZE
A1

CAGE CODE
00779

DRAWING NO
6-1437558-8

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
2:1

SHEET
3

OF
3

REV
C4

Данный компонент на территории Российской Федерации

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

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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