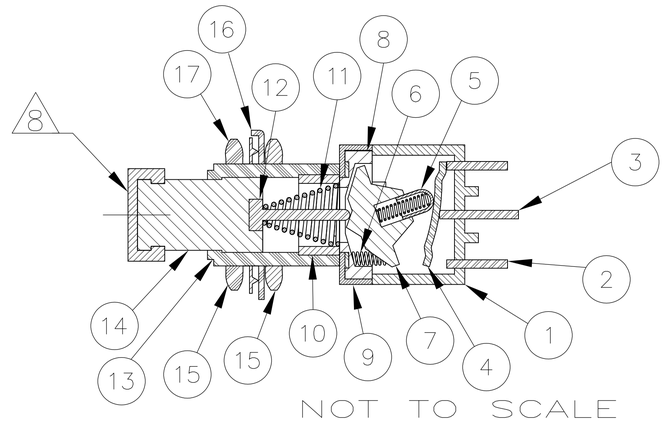
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION - ,- .
© COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST
—	—

REVISIONS

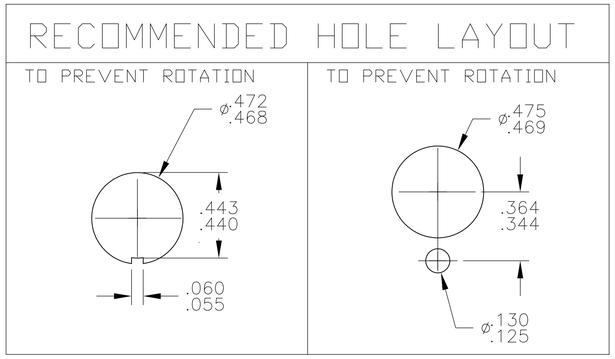
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C2	REVISED PER ECO-11-005556	02MAR11	PSK	MW

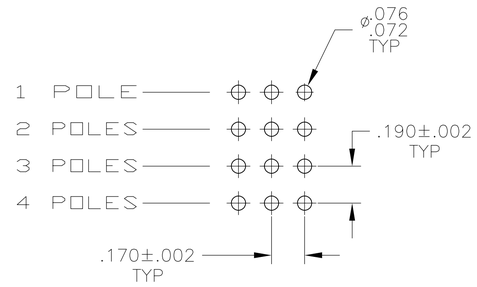
Materials			
No	**Component name**	**Base material**	**Plating**
1	Housing	Diallyl phthalate resin	
2	End terminal	silver clad copper alloy	gold flash
3	Center terminal	copper alloy	gold flash
4	Rocker contact	silver clad copper alloy	gold flash
5	Actuator tip	Phenol resin, UL94 HB	
6	Actuator spring	music wire	
7	Actuator	Phenol resin, UL94 HB	
8	Actuator guide	polymer	
9	Frame	stainless steel 100-77	
10	Retainer/Stopper	polyamid resin	none
11	Plunger spring	music wire	
12	Plunger pin	brass	
13	Bushing	zinc	nickel
14	Plunger	brass	nickel
15	Mounting nuts (2)	brass	nickel
16	Locating ring	cold rolled steel	nickel
17	Internal tooth lockwasher	steel	nickel



NOT TO SCALE

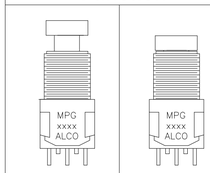
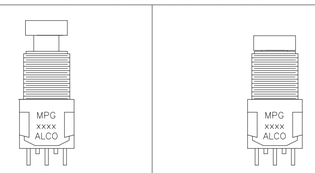
RECOMMENDED HOLE LAYOUT





PC BOARD LAYOUT
PC TERMINAL ONLY

Specifications			
Current rating UL & CSA	6A @ 125 VAC (resistive)		
	3A @ 250 VAC (resistive)		
	4A @ 28 VDC (resistive)		
Initial contact resistance	10 milliohms max @ 2-4 VDC, 1A		
Dielectric strength	1,000 megohms min.		
Withstanding voltage	1,500 VAC		
Travel	.140		
Actuation force	.4 to 2 kgf		
Operating temperature	-20C to +85C		
Storage temperature	-40C to +85C		
Contact timing	break before make		
Terminal seal	over molded		
Durability	**Parameter**	**Push on/ Push off**	**Momentary**
	250 VAC (3A resistive)	30,000	30,000
	125 VAC (6A resistive)	30,000	30,000
	28 VDC (4A resistive)	30,000	30,000

PART NUMBER	Alco P/N	Mark SWITCH △6	Poles	Throws	Terminal	Function		Connected Terminals	
									
								3 2 1 6 5 4 9 8 7 12 11 10	3 2 1 6 5 4 9 8 7 12 11 10
5-1437567-8	MPG406R	MPG 406R	4	2	Wire lug	ON	MOM	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
5-1437567-7	MPG406N	MPG 406N	4	2	Wire lug	ON	ON	2-1, 5-4, 8-7, 11-10	2-3, 5-6, 8-9, 11-12
5-1437567-6	MPG306F	MPG 306F	3	2	Wire lug	ON	MOM	2-1, 5-4, 8-7	2-3, 5-6, 8-9
5-1437567-5	MPG306D	MPG 306D	3	2	Wire lug	ON	ON	2-1, 5-4, 8-7	2-3, 5-6, 8-9
5-1437567-4	MPG206RPC	MPG 206RPC	2	2	PC	ON	MOM	2-1, 5-4	2-3, 5-6
5-1437567-3	MPG206R	MPG 206R	2	2	Wire lug	ON	MOM	2-1, 5-4	2-3, 5-6
5-1437567-2	MPG206NPC	MPG 206NPC	2	2	PC	ON	ON	2-1, 5-4	2-3, 5-6
5-1437567-1	MPG206N	MPG 206N	2	2	Wire lug	ON	ON	2-1, 5-4	2-3, 5-6
5-1437567-0	MPG106F	MPG 106F	1	2	Wire lug	ON	MOM	2-1	2-3
4-1437567-9	MPG106D	MPG 106D	1	2	Wire lug	ON	ON	2-1	2-3

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) 15/32-32 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 MARK SWITCH

7. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

△8 BLACK CAP INCLUDED WITH EACH SWITCH IF DIFFERENT COLOR REQUIRED ORDER SEPARATELY DRAWING NUMBER 7-1437627-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .012
4 PLC ± -
ANGLES ± -

MATERIAL -
FINISH -

DWN	M.BINNER	02MAR09
CHK	M.ZITTO	15NOV04
APVD	M.ZITTO	15NOV04
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-4-1437567-9	—

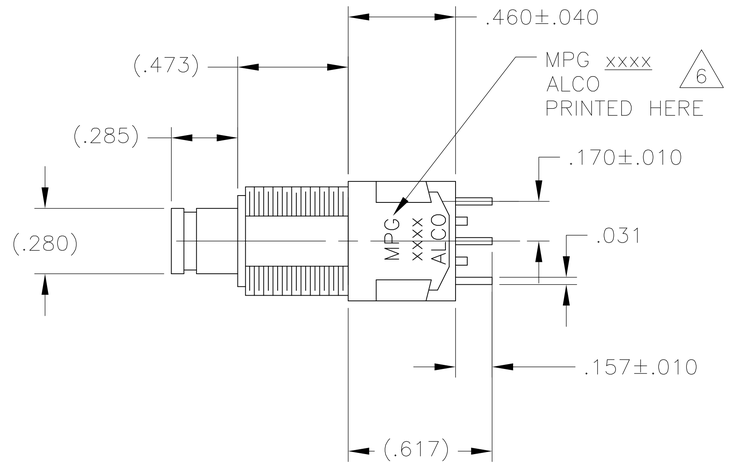
CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 3 | REV C2

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -,- .
© COPYRIGHT - By: - ALL RIGHTS RESERVED.

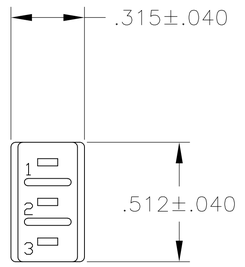
LOC	DIST
—	—

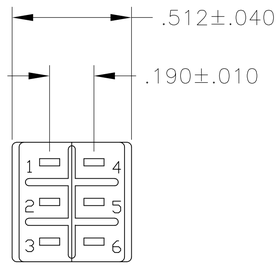
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

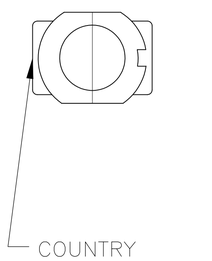


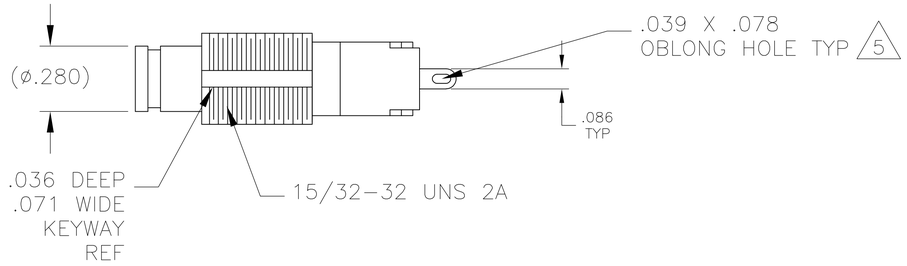
MPG–106





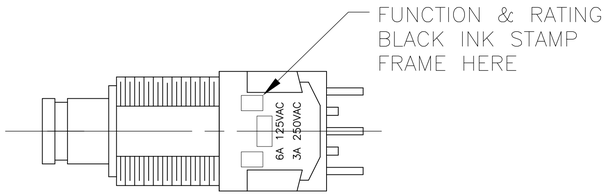
MPG–206

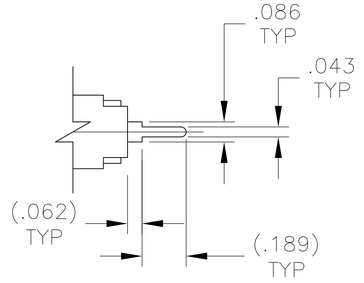




COUNTRY
OF ORGIN
STAMPED HERE
EITHER SIDE

WIRE LUG TERMINAL





PC TERMINAL

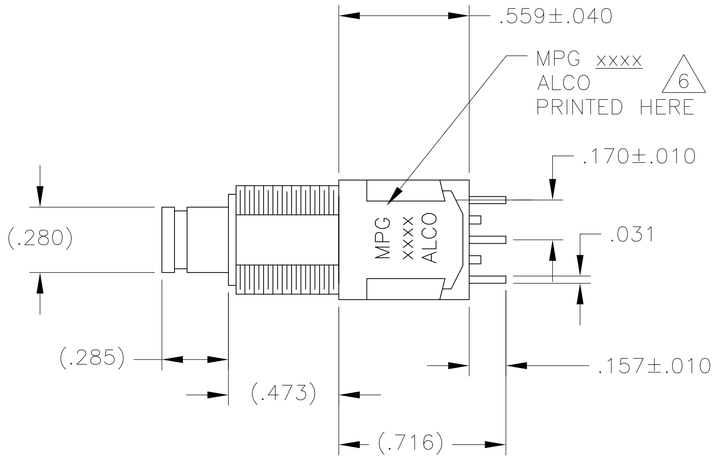
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN M.BINNER 02MAR09	TE Connectivity	
DIMENSIONS: INCHES	CHK M.ZITTO 15NOV04		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± – ; 3 PLC ± .012 ; 4 PLC ± – ; ANGLES ± –	APVD M.ZITTO 15NOV04	NAME ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES	
	PRODUCT SPEC —	SIZE A1	CAGE CODE 00779
	APPLICATION SPEC —	DRAWING NO C-4-1437567-9	RESTRICTED TO —
MATERIAL –	WEIGHT –	SCALE 3:1	SHEET 2 OF 3
FINISH –	CUSTOMER DRAWING		REV C2

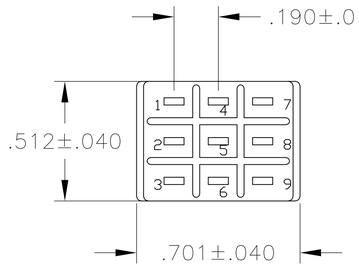
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION - ,- .
© COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST
—	—

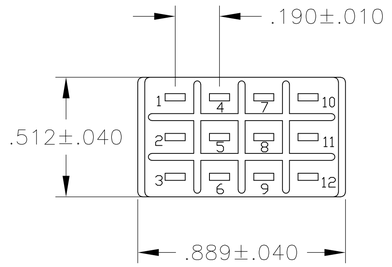
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

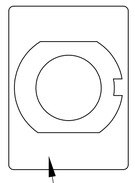




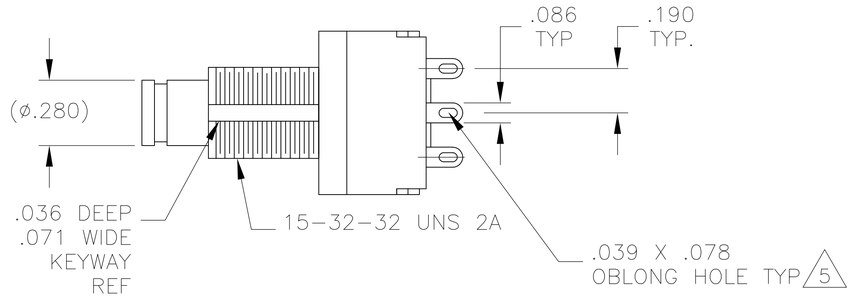
MPG-306



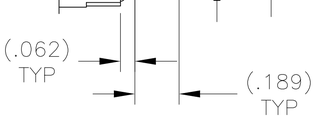
MPG-406



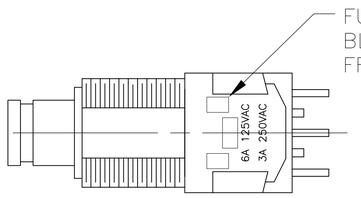
COUNTRY
OF ORGIN
STAMPED HERE
EITHER SIDE



WIRE LUG TERMINAL



PC TERMINAL



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 02MAR09	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – 1 PLC ± – 2 PLC ± – 3 PLC ± .012 4 PLC ± – ANGLES ± –	CHK M.ZITTO 15NOV04	NAME ALCOSWITCH GREEN SERIES PUSHBUTTON SWITCH, MPG SERIES
		APVD M.ZITTO 15NOV04	
		PRODUCT SPEC –	
		APPLICATION SPEC –	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-4-1437567-9 / RESTRICTED TO –
MATERIAL –	FINISH –	WEIGHT –	SCALE 3:1 / SHEET 3 OF 3 / REV C2
		CUSTOMER DRAWING	

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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

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