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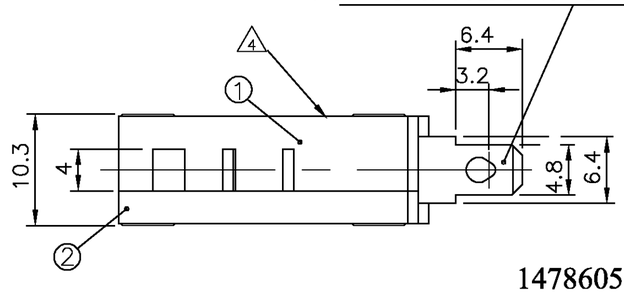
LOC	DIST
E	B

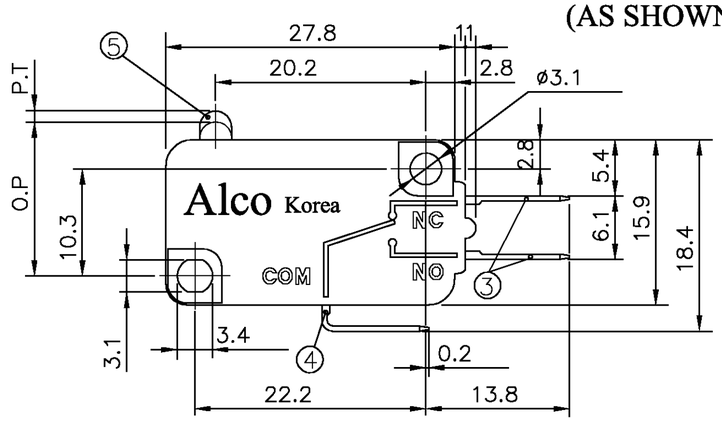
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	EBDO-0129-03	04-06-03	SS	JA

.187 TAB & SOLDERING TERMINAL, 0.5mm THICK.



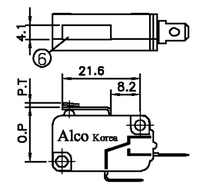
1478605-1
(AS SHOWN)



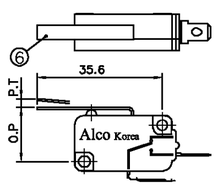
SPECIFICATION DATA

		Minature Range		
Amp Rating		16	5	0.1
Insulation Resistance		Min. 100M ohm		
Contact Resistance		Max 15 M ohm		Max 50 M ohm
Dielectric Strength	Between Non-consecutive terminals	AC 2,000V		
	Between Non-consecutive terminals	AC 2,000V		
Operating Speed		0.2mm/sec - 1,000mm/sec		1mm/sec - 500mm/sec
Max allowed Mechanical Open/Close Frequencies		600 Cycles/min		300 Cycles/min
Shock Resistance (Without Lever)		300mm/sec sq (approx 30G)		
Vibration Resistance (Without Lever)		1.5mm 10-55 Hz (2Hr)		1.5mm 10 - 20Hz (2 Hr)
Electrical Life		100,000 Operations at Rated Load (Max 20 Operations/min)		1,000,000 Operations
Mechanical Life		10,000,000 Operations (Max 200 operations/min)		
Safety Approval		UL / CSA / VDE		
Operating Temperature Range		-20 deg C to 130 deg C RH85% Max		-30 deg C to 130 deg C RH90% Max
UL File No.		E60363		
CSA File No		218582		
VDE File No.		40006699		40006698

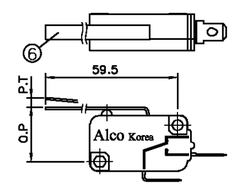
△1478605-2



△1478605-3



△1478605-4



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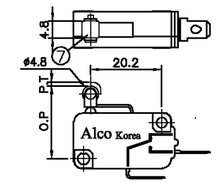
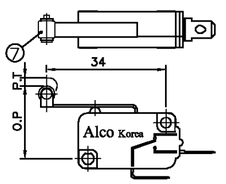
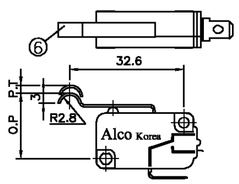


△1478605-6



△1478605-7



NOTES:

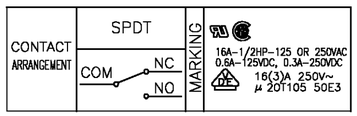
1 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.

ALL DIMENSIONS ARE NOMINAL. FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

3 ALL DIMENSIONS ARE COMMON TO THE MAIN BODY. VARIATIONS ARE IN THE OPERATING LEVERS.

△4 TYCO PART NUMBER AND LOT No. INKJET MARKED IN THIS AREA.

5 GENERAL INFO.



6 FOR PACKAGING INFORMATION SEE SPEC. 107-115

NO	PART NAME	Q'TY
7	ROLLER	(1)
6	LEVER	(1)
5	BUTTON	1
4	COMMON TERMINAL	1
3	TERMINAL	2
2	COVER	1
1	BOX	1

	DRAWING NO	△	CHARACTERISTICS					
			Operating Force	Releasing Force	Pre Travel	Operating Position	Over Travel	Movement Differential
1	1478605-1	—	Max 300 g	Min 70 g	Max 1.6 m/m	14.8 ±0.4 m/m	Min 0.8 m/m	Max 0.4 m/m
2	1478605-2	△6	330 g	70 g	1.6 m/m	15.4 ±0.4 m/m	0.8 m/m	0.4 m/m
3	1478605-3	△7	180 g	30 g	4.0 m/m	15.4 ±1.4 m/m	1.3 m/m	1.2 m/m
4	1478605-4	△8	90 g	15 g	7.5 m/m	15.4 ±3.0 m/m	2.6 m/m	2.4 m/m
5	1478605-5	△9	350 g	70 g	1.6 m/m	20.7 ±0.8 m/m	0.8 m/m	0.4 m/m
6	1478605-6	△10	180 g	30 g	4.0 m/m	20.7 ±1.6 m/m	1.3 m/m	1.2 m/m
7	1478605-7	△11	180 g	30 g	4.0 m/m	18.6 ±1.5 m/m	1.3 m/m	1.2 m/m

TYCO SALES PART No.	TYCO PART NO.	DESCRIPTION	COLOUR	QTY	PACK DESC
MP16-DT-ASMF	△11 1478605-7	Microswitch, Simu Lever	Blue	1000	CARTON
MP16-DT-ANRF	△10 1478605-6	Microswitch, Norm Roller	Blue	800	CARTON
MP16-DT-ASRK	△9 1478605-5	Microswitch, Short Roller	Blue	1000	CARTON
MP16-DT-ALLC	△8 1478605-4	Microswitch, Long Lever	Blue	600	CARTON
MP16-DT-ANLF	△7 1478605-3	Microswitch, Norm Lever	Blue	800	CARTON
MP16-DT-ASLJ	△6 1478605-2	Microswitch, Short Lever	Blue	1000	CARTON
MP16-DT-AOLI	1478605-1	Microswitch, Pin Plunger	Blue	1000	CARTON

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.4
2 PLC ± 0.4
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN P.Bates 3-10-01
CHK –
APVD –
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

tyco Electronics
Tyco Electronics Corporation
Bideford, Devon, EX39 4HE

NAME
MICRO SWITCH 16A
SOLDER TERMINAL
300g RANGE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1478605	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 2 | REV E

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LOC	DIST
E	B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	EBDO-0129-03	04-06-03	SS	JA

MAJOR COMPONENT & MATERIAL LIST

NO	PART NAME	MATERIAL	Q'ty	UL FRAME	FINISH (COLOR)
1	CASE	P.B.T RESIN	1	94 V-0	
2	COVER		1		
3	MOVABLE CONTACTOR	Brass Sheet t=0.4	1		SILVER PLATING
4	GUIDE PLATE	Brass Sheet t=0.8	1		SILVER PLATING
5	COMMON TERMINAL	Brass Sheet t=0.8	1		SILVER PLATING
6	PLATE SPRING	Berylliume Copper Sheet (t=0.1~ 0.25)	1		
7	TERMINAL AID	Brass Sheet (t=0.8)	0		
8	CONTACT	Ag alloy(AgCdO,AgSnO2)	3		
9	TERMINAL	Brass Sheet (t=0.8)	2		SILVER PLATING
10	ACTUATOR	PHENOLIC RESIN	1	94 V-0	
11	LEVER	Stainless SteelSheet (t=0.6)	(1)		

( ) = Where Applicable

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN S.Shackson 04-06-03
CHK F.Wheeler-King 04-06-03
APVD F.Wheeler-King 04-06-03
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

tyco Electronics
Tyco Electronics Corporation
Bideford, Devon, EX39 4HE

NAME
MICRO SWITCH 16A
SOLDER TERMINAL
300g RANGE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1478605	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV E

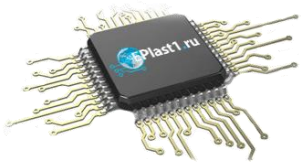
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.