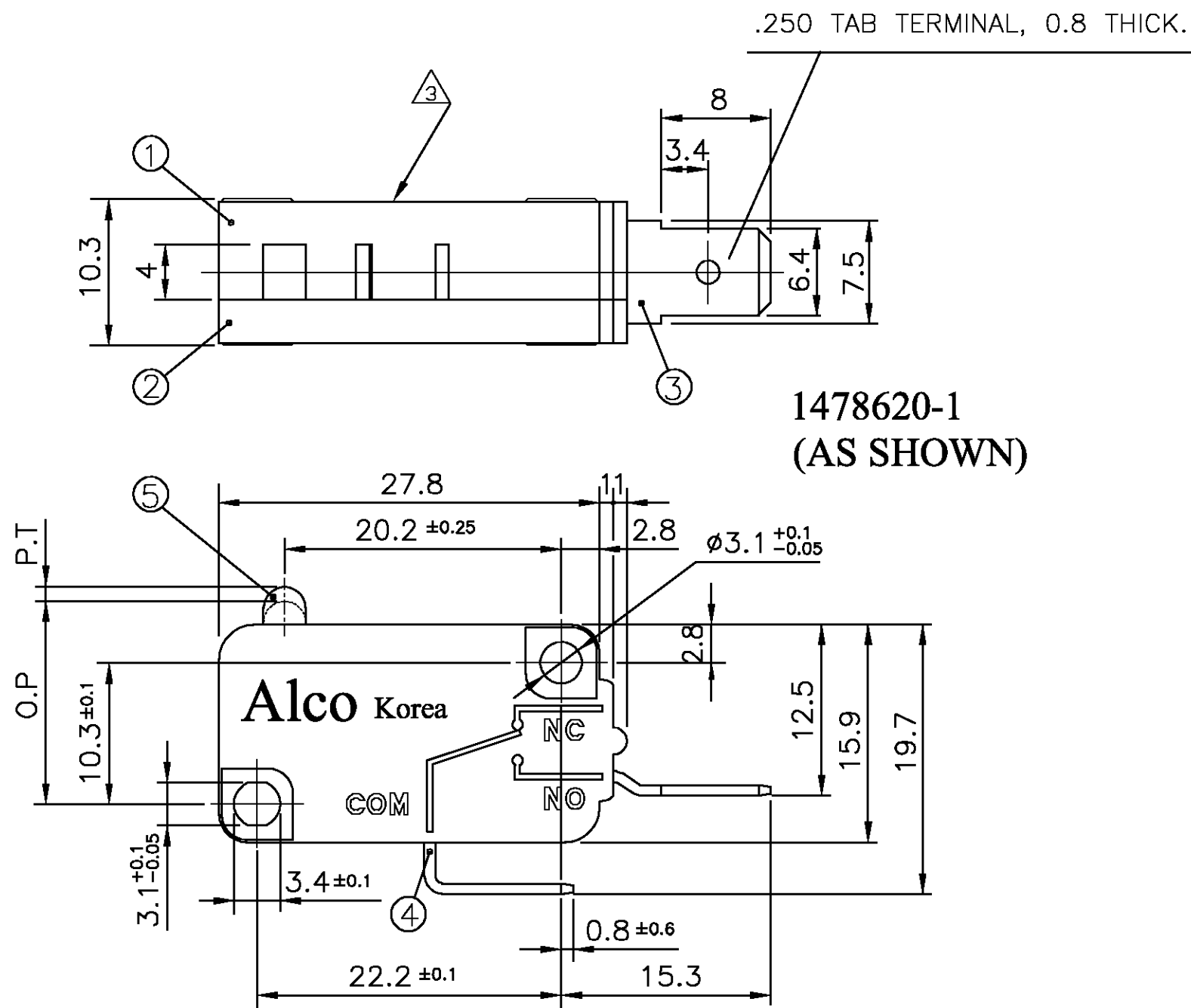
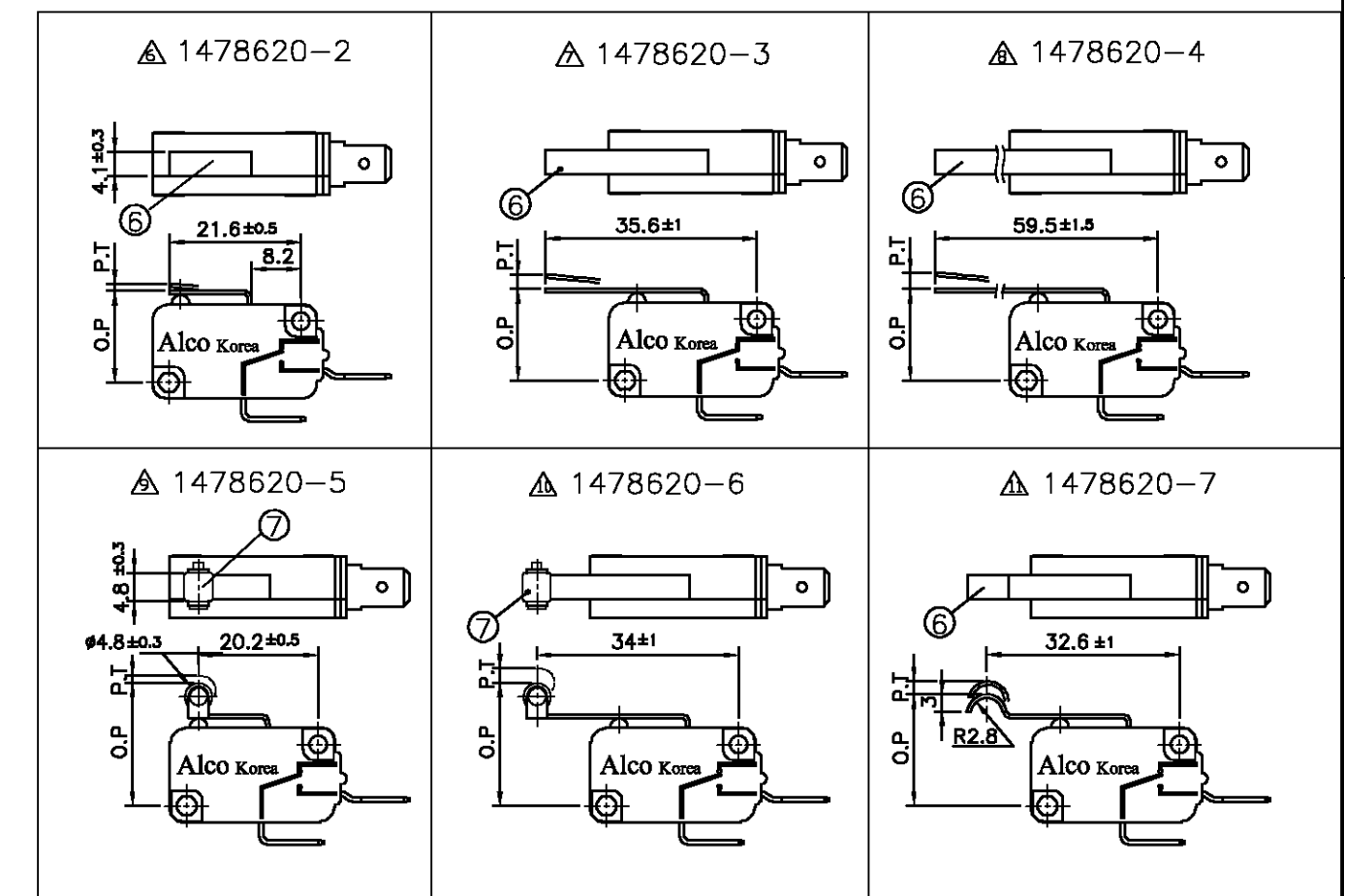


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B		E	EBD0-0129-03	05-06-03	SS	JA
			D	EB00-0025-03	04-02-03	PB	JA
			C	EB00-0308-02	23-09-02	SS	JA

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.		40006899		40006698



NOTES:

- 1 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE.
- 2 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.

CONTACT ARRANGEMENT	SPDT	MARKING	 16A-1/2HP-125 OR 250VAC 0.6A-125VDC, 0.3A-250VDC  16(3)A 250V~ μ 2T105 50E3
			

	DRAWING NO		CHARACTERISTICS						
			Operating Force	Releasing Force	Pre Travel	Operating Position	Over Travel	Movement Differential	
1	1478620-1		Max 300g	Min 70g	Max 1.6 mm	14.8 ±0.4 mm	Min 0.8 mm	Max 0.4 mm	
2	1478620-2		330g	70g	1.6 mm	15.4 ±0.4 mm	0.8 mm	0.4 mm	
3	1478620-3		180g	30g	4.0 mm	15.4 ±1.4 mm	1.3 mm	1.2 mm	
4	1478620-4		90g	15g	7.5 mm	15.4 ±0.3 mm	2.6 mm	2.4 mm	
5	1478620-5		350g	70g	1.6 mm	20.7 ±0.8 mm	0.8 mm	0.4 mm	
6	1478620-6		180g	30g	4.0 mm	20.7 ±1.8 mm	1.3 mm	1.2 mm	
7	1478620-7		180g	30g	4.0 mm	18.6 ±1.5 mm	1.3 mm	1.2 mm	

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

MP16-NO-CSMF	⚠ 1478620-7	Microswitch, Simu Lever	Blue	1000	CARTON
MP16-NO-CNRF	⚠ 1478620-6	Microswitch, Norm Roller	Blue	800	CARTON
MP16-NO-CSRK	⚠ 1478620-5	Microswitch, Short Roller	Blue	1000	CARTON
MP16-NO-CLLC	⚠ 1478620-4	Microswitch, Long Lever	Blue	600	CARTON
MP16-NO-CNLF	⚠ 1478620-3	Microswitch, Norm Lever	Blue	800	CARTON
MP16-NO-CSLJ	⚠ 1478620-2	Microswitch, Short Lever	Blue	1000	CARTON
MP16-NO-COLI	1478620-1	Microswitch, Pin Plunger	Blue	1000	CARTON
TYCO SALES PART No.	TYCO PART NO.	DESCRIPTION	COLOUR	QTY	PACK DESC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P.Bates		04FEB2003		 Tyco Electronics Corporation Stanmore, Middlesex, HA7 4RS	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK C.Kaminski		17-10-01	
MM				APVD C.Kaminski		17-10-01	
		0 PLC ± -		NAME MICRO SWITCH 16A TAB TERMINAL 300g RANGE			
		1 PLC ± 0.4					
		2 PLC ± 0.4					
		3 PLC ± -					
4 PLC ± -		APPLICATION SPEC		SIZE A2			
ANGLES ± -		-					
-		-					
MATERIAL		FINISH		WEIGHT		CAGE CODE	
-		-		-		00779	
						DRAWING NO	
						C=1478620	
						RESTRICTED TO	
						-	
CUSTOMER DRAWING						SCALE 1:1	
						SHEET 1 of 2	
						REV F	

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
E	B		E	EBD0-0129-03	05-06-03	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	Beryllium Copper Sheet (t=0.1~ 0.25)	1		
7	TERMINAL AID	Brass Sheet (t=0.8)	1		
8	CONTACT	Ag alloy (AgCdO, AgSnO2)	2		
9	TERMINAL	Brass Sheet (t=0.8)	1		SILVER PLATING
10	ACTUATOR	PHENOLIC RESIN	1	94 V-0	
11	LEVER	Stainless Steel Sheet (t=0.6)	(1)		

() = Where Applicable

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH -

DWN S.Shackson 05JUN2003
CHK F.Wheeler-King 05JUN2003
APVD F.Wheeler-King 05JUN2003

PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Stanmore, Middlesex, HA7 4RS

NAME
MICRO SWITCH 16A
TAB TERMINAL
300g RANGE

SIZE A2
CAGE CODE 00779
DRAWING NO C=1478620
RESTRICTED TO -

SCALE 1:1
SHEET 2 OF 2
REV E