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LOC	DIST	REVISIONS					
IF	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

SPECIFICATION DATA		
<b>Amp Rating</b>	<b>16</b>	<b>0,1</b>
Insulation Resistance	min. 100 Mohm	
Contact Resistance	max 50 m ohm	
Dielectric Strength	AC 1.000V 60sec	
Operating Speed	0.2mm/sec - 1,000mm/sec	1mm/sec - 500mm/sec
Max allowed Mechanical Open/Close Frequencies	300 Cycles/min	
Shock Resistance (Without Lever)	300mm/sec <sup>2</sup>	
Vibration Resistance (Without Lever)	1.5mm 10-55 Hz(2Hr)	
Electrical Life	50.000 cycles @16A 250VAC resistive load	10.000 cycles @0,1A 250VAC resistive load
Mechanical Life	1.000.000 cycles	
Safety Approval	UL / CUL / ENEC	UL / CUL
Operating Temperature Range	-25°C to +130°C RH85% Max	

MAJOR COMPONENT & MATERIAL LIST 16A Type				
NO	PART NAME	MATERIAL	UL FRAME	FINISH (COLOR)
1	Box	P.B.T. Resin	94 V-0	grey
2	Cover			
3	Contact	Ag alloy / Cu		
	Terminal	Brass Sheet (t=0,8)		Silver Plating
4	Contact	Ag alloy		
	Spring Plate	Beryllium Copper		
	Terminal	Brass Sheet (t=0,8)		Silver Plating
5	Button	P.B.T. Resin	94 V-0	black
6	Lever	Stainless Steel		
7	Roller	Stainless Steel		

TE CONNECTIVITY P/N	CHARACTERISTICS					
	Operating Force	Releasing Force	Pre Travel	Operating Position	Over Travel	Movement Differential
	max	min	max		min	max
1-1478603-1	160 ± 30 g	50 g	1,2 mm	14,7 ± 0,5 mm	1,25mm	0,4 mm
1-1478603-2	160 ± 45 g	50 g	1,6 mm	15,3 ± 0,5 mm	1,50 mm	0,5 mm
1-1478603-3	75 ± 20 g	30 g	3,3 mm	15,3 ± 1,5 mm	2,5 mm	1,2 mm
1-1478603-4	40 ± 15 g	15 g	6,2 mm	15,3 ± 2,0 mm	4,4 mm	2,2 mm
1-1478603-5	160 ± 40 g	50 g	1,6 mm	20,7 ± 2,0 mm	1,5 mm	0,5 mm
1-1478603-6	60 ± 15 g	25 g	3,7 mm	20,7 ± 1,5 mm	3,3 mm	1,3 mm
1-1478603-7	85 ± 20 g	30 g	2,8 mm	18,7 ± 1,5 mm	2,4 mm	1,1 mm
1-1478604-1	200 ± 40 g	55 g	1,2 mm	14,7 ± 0,5 mm	1,25mm	0,4 mm
1-1478604-2	200 ± 45 g	55 g	1,6 mm	15,3 ± 0,5 mm	1,50 mm	0,5 mm
1-1478604-3	95 ± 20 g	40 g	3,3 mm	15,3 ± 1,5 mm	2,5 mm	1,2 mm
1-1478604-4	50 ± 15 g	20 g	6,2 mm	15,3 ± 2,0 mm	4,4 mm	2,2 mm
1-1478604-5	200 ± 45 g	55 g	1,6 mm	20,7 ± 2,0 mm	1,5 mm	0,5 mm
1-1478604-6	75 ± 20 g	30 g	3,7 mm	20,7 ± 1,5 mm	3,3 mm	1,3 mm
1-1478604-7	105 ± 20 g	40 g	2,8 mm	18,7 ± 1,5 mm	2,4 mm	1,1 mm
1-1478605-1	350 ± 40 g	80 g	1,2 mm	14,7 ± 0,5 mm	1,25mm	0,4 mm
1-1478605-2	350 ± 50 g	80 g	1,6 mm	15,3 ± 0,5 mm	1,50 mm	0,5 mm
1-1478605-3	170 ± 30 g	50 g	3,3 mm	15,3 ± 1,5 mm	2,5 mm	1,2 mm
1-1478605-4	85 ± 20 g	30 g	6,2 mm	15,3 ± 2,0 mm	4,4 mm	2,2 mm
1-1478605-5	350 ± 50 g	80 g	1,6 mm	20,7 ± 2,0 mm	1,5 mm	0,5 mm
1-1478605-6	140 ± 30 g	45 g	3,7 mm	20,7 ± 1,5 mm	3,3 mm	1,3 mm
1-1478605-7	180 ± 30 g	50 g	2,8 mm	18,7 ± 1,5 mm	2,4 mm	1,1 mm
1-1478670-1	100 ± 25 g	20 g	1,2 mm	14,7 ± 0,5 mm	1,25mm	0,4 mm
1-1478670-2	100 ± 30 g	20 g	1,6 mm	15,3 ± 0,5 mm	1,50 mm	0,5 mm
1-1478670-3	50 ± 15 g	15 g	3,3 mm	15,3 ± 1,5 mm	2,5 mm	1,2 mm
1-1478670-4	25 ± 10 g	8 g	6,2 mm	15,3 ± 2,0 mm	4,4 mm	2,2 mm
1-1478670-5	100 ± 30 g	20 g	1,6 mm	20,7 ± 2,0 mm	1,5 mm	0,5 mm
1-1478670-6	40 ± 15 g	10 g	3,7 mm	20,7 ± 1,5 mm	3,3 mm	1,3 mm
1-1478670-7	55 ± 15 g	15 g	2,8 mm	18,7 ± 1,5 mm	2,4 mm	1,1 mm

MAJOR COMPONENT & MATERIAL LIST 0,1A Type				
NO	PART NAME	MATERIAL	UL FRAME	FINISH (COLOR)
1	Box	PET Resin	94 V-0	grey
2	Cover			
3	Contact	Ag alloy / Cu		
	Terminal	Brass Sheet (t=0,8)		Silver Plating
4	Contact	Ag alloy		
	Spring Plate	Beryllium Copper		
	Terminal	Brass Sheet (t=0,8)		Silver Plating
5	Button	PPS Resin	94 V-0	black
6	Lever	Stainless Steel		
7	Roller	Stainless Steel		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SA008712	10-01-08	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK -	APVD -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		MICRO SWITCH DT SOLDER TERMINAL	
0 PLC ± -		APPLICATION SPEC		SIZE	CAGE CODE
1 PLC ± 0,5mm		WEIGHT		DRAWING NO	RESTRICTED TO
2 PLC ± 0,2mm		CUSTOMER DRAWING		A2	00779
3 PLC ± 0,1mm		SCALE		C=1968580	REV
4 PLC ± -		1:1		2 OF 2	
ANGLES ± -		SHEET		J1	

1968580