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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	E1	ECO-07-017105	23JUL07	MB MS

PCB LAYOUT

Specifications:
 Double Pole Five Throw
 Break-Before-Make

Materials:
 Actuator, POM, UL94-HB
 Board, Phenolic Laminated Sheet, UL94-HB
 Frame, Steel, Nickel plate
 Terminal, Copper Alloy, Silver over Nickel plate
 Ball, Steel
 Coil Spring, Spring Wire, Black
 Contact Clip, Copper Alloy, Silver clad plate
 Seal, Epoxy
 Overlay, PC, Black

Electrical:
 Contact Rating, .5A@ 50V DC max, Per EIA-448, Method 6
 Contact rating 1milliamp@ 5V DC min
 Initial Contact resistance, 30 milliohms max, Per EIA-364-23B, each position
 Insulation Resistance, 500 Megohm @ 500V DC, Per EIA-364-21C each position
 Dielectric strength, 500 V AC, Per EIA-364-20B, Condition 1, each position.

Mechanical:
 Actuation force, 400+/-200 GF
 Actuation Travel, 4.00mm
 Life Expectancy, 10,000 cycles, Per EIA-448, Method 8 and 9
 Vibration, Per EIA 364-28, Condition VII, Level E
 Mechanical Shock, Per EIA-364-27, Condition A

Environmental:
 Operating Temperature, -20 to +65 degrees C, Per EIA 448, Method 10
 Storage Temperature, -25 to +70 degrees C
 Humidity and Temperature Cycling Per EIA-364-31B, Method III
 Temperature Life Per EIA-364-17B, Method B, Temperature Test Condition 3, Time Condition B
 Thermal Shock, Per EIA-364-32C, -25 to 70 degrees C
 Solderability, Per EIA-364-52, Class 2, Category 1, 95% Minimum coverage
 Resistance to Solder Heat, Per EIA-364-56A, Procedure 3, Condition B

1 6.35 MAX PERMISSIBLE BOW ALLOWED, BUT MUST BE ASSEMBLED WITH CONCAVE SIDE OF BOW TOWARD SWITCH.
 2 Mark per 202-37 specification, *tyco*/CHINA minimum requirement.
 3 Anti Solder Wick Seal at Terminal to Board Interface.

1571600-1	SILVER	4 TO 1	4 TO 2	4 TO 3	4 TO 5	4 TO 6
PART NO	PLATING					

TERMINALS CONNECTED WHEN SLIDE IS IN OPEN POSITION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 08JUN04	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK M SARVER 08JAN04	NAME SLIDE SWITCH 0.5 AMP	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 08JAN04	SIZE A2 CAGE CODE 00779 C=1571600	
0 PLC ± -		PRODUCT SPEC	DRAWING NO	
1 PLC ± -		APPLICATION SPEC	RESTRICTED TO	
2 PLC ± 0.20		WEIGHT -	SCALE 2:1 SHEET 1 OF 1 REV E1	
3 PLC ± -		CUSTOMER DRAWING		
4 PLC ± -				
ANGLES ± 3°				
FINISH -				

AMP 1471-9 REV 31MAR2000

1571600

A