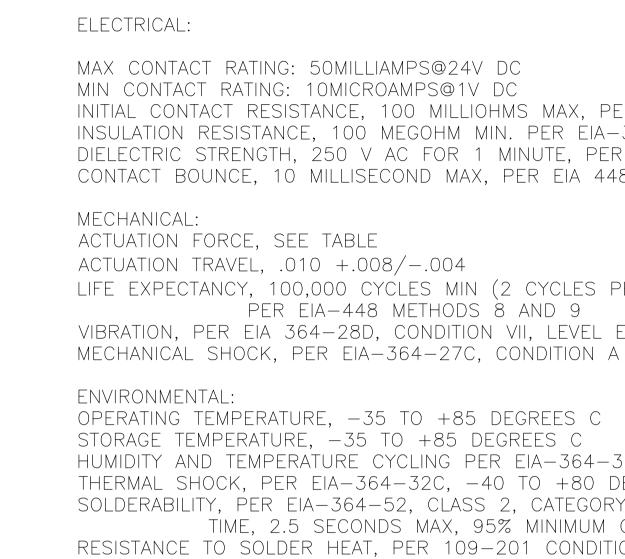


TOLERANCE ±.002 UNLESS Otherwise noted

AMP 4805 REV 31MAR2000



SPECIFICATIONS:

MATERIALS: CASE, PPS, COLOR- BROWN COVER, STEEL, PLATING- TIN ACTUATOR, SEE TABLE CONTACT, COPPER ALLOY, PLATING- SILVER CLAD TERMINAL, COPPER ALLOY, PLATING- SILVER

MAX CONTACT RATING: 50MILLIAMPS@24V DC MIN CONTACT RATING: 10MICROAMPS@1V DC INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION DIELECTRIC STRENGTH, 250 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION. CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

AD

REVISIONS

DESCRIPTION

C ECO-07-000908

DATE DWN APVI

02JUL07 MB MS

ACTUATION FORCE, SEE TABLE ACTUATION TRAVEL, .010 + .008/-.004LIFE EXPECTANCY, 100,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9 VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E

OPERATING TEMPERATURE, -35 TO +85 DEGREES C STORAGE TEMPERATURE, -35 TO +85 DEGREES C HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III THERMAL SHOCK, PER EIA-364-32C, -40 TO +80 DEGREES C SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE RESISTANCE TO SOLDER HEAT, PER 109-201 CONDITION B NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

SEALED PER IP67

PACKAGING: TAPE AND REEL PER EIA-481, SWITCH TO HAVE ACTUATOR FACING DOWN.

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

BROWN	PPS	100±50 GRAMS	.169±.006	.028±.004	1571611-2	
_	SILICON RUBBER	100±50 GRAMS	.169±.006	.028±.004	1571611-1	
ACTUATOR COLOR	ACTUATOR MATERIAL	OPERATING FORCE	В	А	TYCO PART NUMBER	
THIS DRAWING IS A CONTROLLED DOCUMENT. R BROWN CHK 2 M SABVED			25SEP03 25SEP03 Tyco Electronics	Tyco Electronics Corporation Harrisburg, PA		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIE 0 PLC ± -	APVD M SARVER PRODUCT SPEC	25SEP03 NAME	PUSHBUTTON SWITCH		
	1 PLC ± - 2 PLC ± - 3 PLC ± .012 4 PLC ± -	— APPLICATION SPEC		6 X 6mm, SMT, SPECIAL TAPE AND REEL PACKAGING SIZE CAGE CODE DRAWING NO RESTRICTED 1		

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