

4

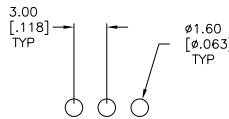
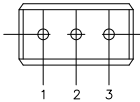
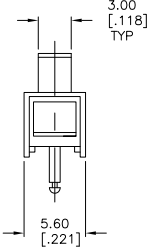
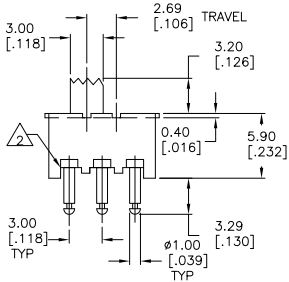
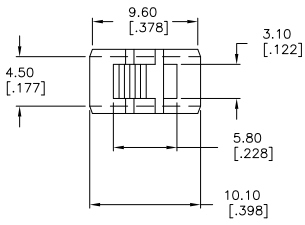
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LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
B		ECO-07-016003	160CT07	MB MS



RECOMMENDED HOLE LAYOUT

SPECIFICATIONS:
BREAK-BEFORE-MAKE

MATERIALS:
FRAME-STEEL, ZINC PLATE
ACTUATOR-PBT G30, BLACK
FIXED CONTACT/TERMINAL-COPPER ALLOY, SILVER OVER NICKEL PLATE
MOVING CONTACT-COPPER ALLOY, SILVER OVER NICKEL PLATE
COIL SPRING-STEEL WIRE
LEAF SPRING-COPPER ALLOY
TERMINAL BOARD-PHENOLIC, UL94HB

ELECTRICAL:
CONTACT RATING- 500 MILLIAMPS@125V AC
CONTACT RESISTANCE- 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST
INSULATION RESISTANCE- 500 MEGOHMS MIN AT SEA LEVEL
DIELECTRIC STRENGTH- 500 VAC RMS AT SEA LEVEL
LIFE EXPECTANCY- 10,000 CYCLES MIN, NO LOAD & 6,000 MIN AT RATED CURRENT

MECHANICAL:
ACTUATION FORCE- 350±200 GRAMS
TRAVEL- 2.69[.106]

ENVIRONMENTAL:
OPERATING TEMPERATURE- -20°C TO +85°C
STORAGE TEMPERATURE- -40°C TO +100°C
RESISTANCE TO SOLDER HEAT- 260°C FOR 10 SEC PER 109-202, CONDITION B
SOLDERABILITY- PER EIA-364-56A, PROCEDURE 3, CONDITION B

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
2. ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.

1-2	2-3	SLSA120104	1825082-1
LEFT	RIGHT	ALCO PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DESIGN: VISWESWARA		DRAWN: VISWESWARA		CHECKED: SARVER		APPROVED: SARVER		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		SIZE: A2	
0 PLG	± .005	1 PLG	± .005	SLIDE SWITCH		SPDPT, SLSA-120-1		RESTRICTED TO		DRAWING NO: 1825082	
2 PLG	± .005	3 PLG	± .005	CUSTOMER DRAWING		SCALE: 4:1		SHEET: 1 of 1		REV: B	

1825082

A