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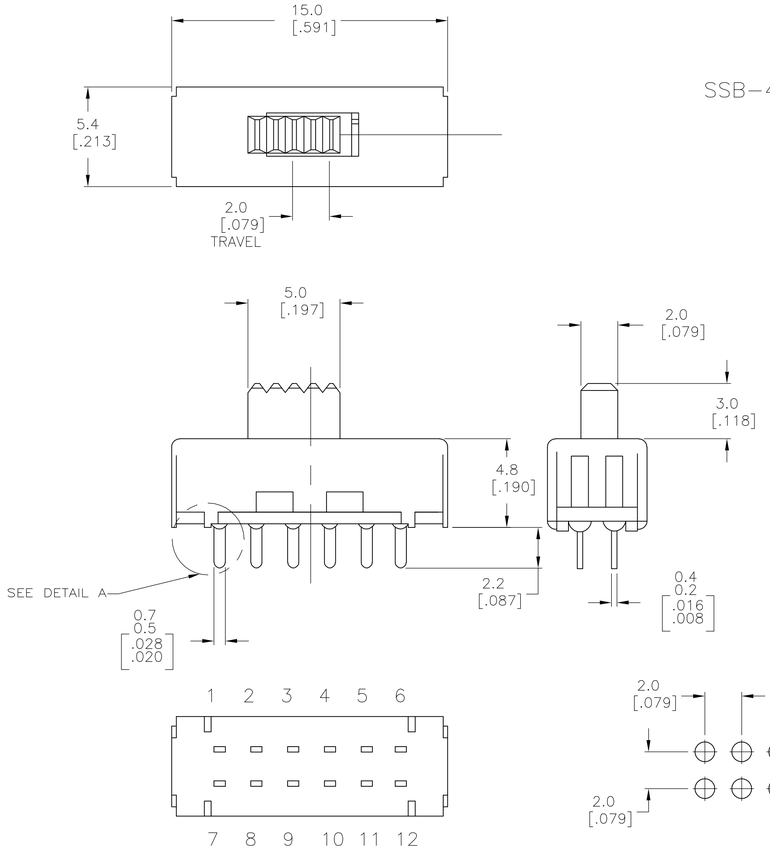
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECO-06-27047	22NOV06	MB	MS



SSB-42

RECOMMENDED HOLE LAYOUT
TOLERANCE ±.002 UNLESS OTHERWISE NOTED

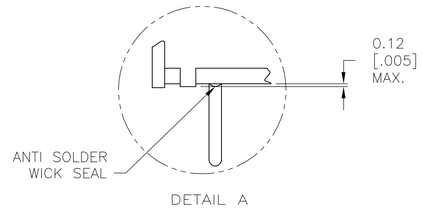
MAKE-BEFORE-BREAK
SPECIFICATIONS:

MATERIALS
FRAME, STEEL-PLATE TIN LEAD OVER NICKEL
TERMINAL BOARD, PHENOLIC, NATURAL
ACTUATOR, POM, UL94-HB, BLACK
MOVING CONTACT, COPPER ALLOY-PLATE SILVER OR GOLD OVER NICKEL
FIXED CONTACT/TERMINAL, COPPER ALLOY-PLATE SILVER OR GOLD OVER NICKEL

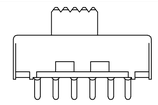
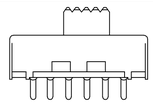
ELECTRICAL:
CONTACT RATING, (SILVER)100mA@30VDC, (GOLD) .4VA @ 20V DC,
INITIAL CONTACT RESISTANCE, 30 MILLIOHMS MAX.
INSULATION RESISTANCE, 100 MEGOHM MIN.
DIELECTRICAL STRENGTH, 500 V AC FOR 1 MINUTE.

MECHANICAL:
ACTUATION FORCE, 250 +/-150 GRAMS
ACTUATION TRAVEL, .079
LIFE EXPECTANCY, 10,000 CYCLES.

ENVIRONMENTAL:
OPERATING TEMPERATURE, -20 to +85 DEGREES C
STORAGE TEMPERATURE, -40 to +100 DEGREES C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III (SILVER)
MIXED FLOWING GAS PER EIA-364-65A, CLASS IIIA, 20 DAYS (GOLD)
THERMAL SHOCK, PER EIA-364-32C, -40 to +100 DEGREES C
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MINIMUM COVERAGE
RESISTANCE TO SOLDER HEAT, PER 109-202, CONDITION A (240+/-5 C FOR 10+2/-0 SECONDS



DETAIL A

				 1 2 3 4 5 6 7 8 9 10 11 12	 1 2 3 4 5 6 7 8 9 10 11 12
2-1437575-9	SSB42G	4PDT	GOLD	1-2, 4-5 7-8, 10-11	2-3, 5-6 8-9, 11-12
2-1437575-8	SSB42	4PDT	SILVER	1-2, 4-5 7-8, 10-11	2-3, 5-6 8-9, 11-12
TYCO P/N	ALCO P/N	TYPE	PLATING	LEFT	RIGHT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.25[.010]
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

MATERIAL -
FINISH -

DWN M.BINNER 20JUL06
CHK M.SARVER 23AUG04
APVD M.SARVER 23AUG04
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SLIDE SWITCH, LOW PROFILE
SSB 12 THRU 42, VERTICAL SERIES
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2-1437575-8	—

CUSTOMER DRAWING
SCALE 6:1 SHEET 1 OF 1 REV B