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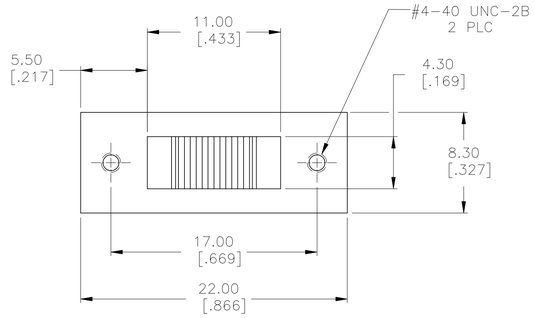
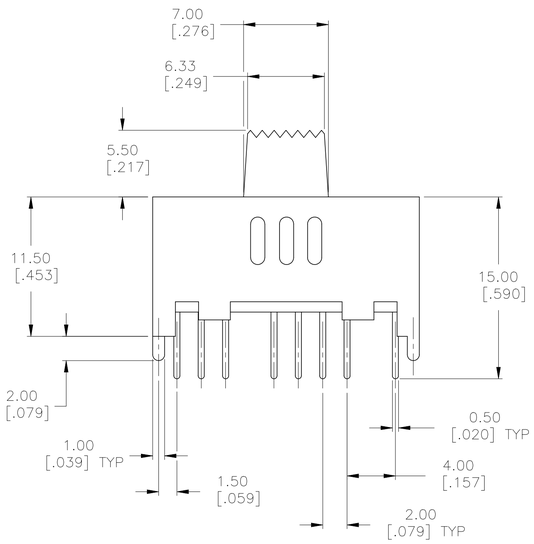
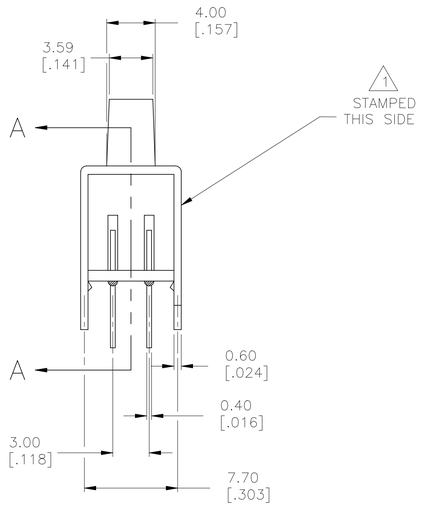
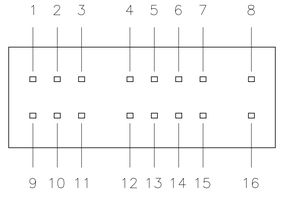
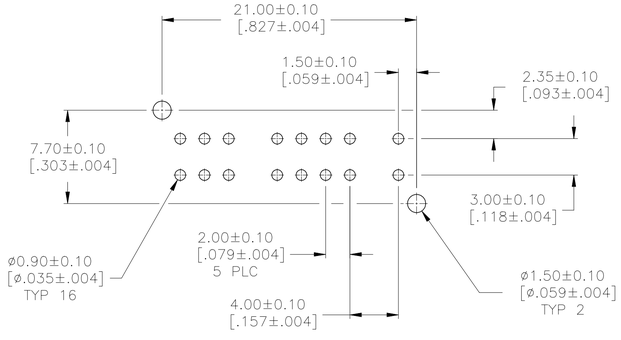
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECN-23-223304	07AUG2023	GSK	MD



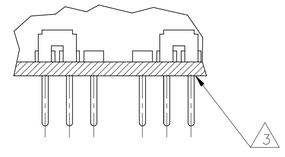








RECOMMENDED BOARD LAYOUT



SECTION A-A

SPECIFICATIONS
MAKE-BEFORE-BREAK

MATERIALS:
ACTUATOR- POM, UL94HB BLACK
TERMINAL BOARD- PHENOLIC LAMINATED SHEET, UL94HB, NATURAL
FRAME- STEEL, NICKEL PLATE
TERMINAL/FIXED CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE
MOVING CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKLE PLATE
DETENT BALL- STEEL
COIL SPRING- GALVANIZED SPRING WIRE
SEAL- EPOXY

ELECTRICAL:
CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)
INITIAL CONTACT RESISTANCE- 30 milliohm max.
FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)
INSULTAION RESISTANCE- 1,000 Megohms min.
DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
LIFE EXPECTANCY- 15,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE- 600+/-300 GRAMS
TRAVEL- 2.0 +/-.50 (.079 +/-.020)

ENVIRONMENTAL:
OPERATING TEMPERATURE- -20 TO +85 DEGREES C
STORAGE TEMPERATURE- -40 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B
SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:

1 COUNTRY OF ORIGIN AND TE CONNECTVITY LOGO LOCATED APPROXIMATELY AS SHOWN

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

3 ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.

4 ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TE CONNECTIVITY SPECIFICATION 102-2469.

OBSOLETE	1825267-2	MSS4300G04	GOLD	1 TO 3 5 TO 7 9 TO 11 13 TO 15	2 TO 3 6 TO 7 10 TO 11 14 TO 15	3 TO 4 7 TO 8 11 TO 12 15 TO 16
	1825267-1	MSS430004	SILVER	1 TO 3 5 TO 7 9 TO 11 13 TO 15	2 TO 3 6 TO 7 10 TO 11 14 TO 15	3 TO 4 7 TO 8 11 TO 12 15 TO 16
PART NO.	T&B PART NO.	PLATING				

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.[.012]
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL SEE SPECIFICATIONS

FINISH SEE SPECIFICATIONS

DWN R BROWN 21DEC05
CHK M SARVER 21DEC05
APVD M SARVER 21DEC05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME –
SLIDE SWITCH, MSS 4300 SERIES
–

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1825267 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV C

4805 (1/15)