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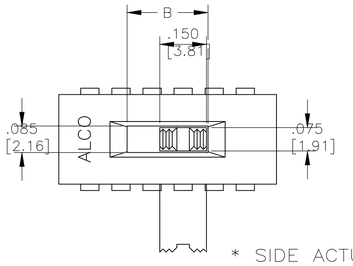
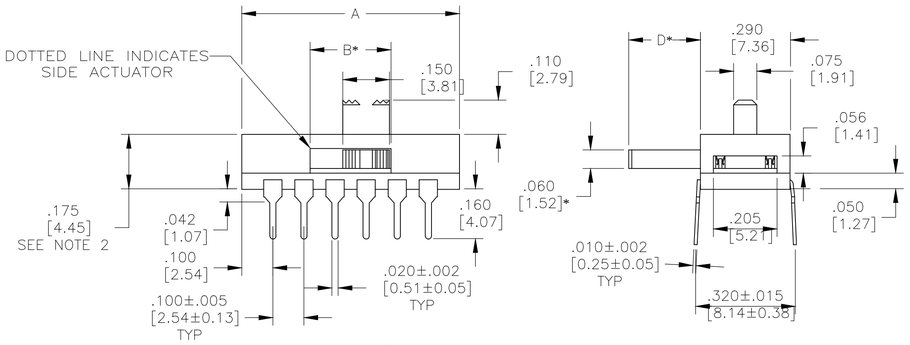
REVISIONS

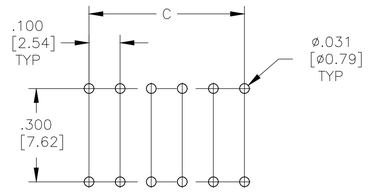
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B4	REVISED PER ECO-11-004587	11MAR11	RK	HMR
	B5	REVISED PER ECO-16-018096	25MAY2017	RK	PO



* SIDE ACTUATOR ONLY.



ASE



PRINTED CIRCUIT BOARD
HOLE PATTERN

PART # [A][S][ ][ ][ ][ ][ ][ ]

SERIES	ACTUATOR STYLE	POLES	THROWS	OPTIONS			
E	2	2	R	G	B	L	
	4	3				S	
	6						

E = EXTENDED ACTUATOR
R = SIDE ACTUATOR
G = GOLD CONTACTS
B = BLACK ACTUATOR
L = GULL WING STYLE SURFACE MOUNT
S = J-LEAD STYLE SURFACE MOUNT

SPECIFICATIONS:

MATERIALS:
BASE/COVER: PCT UL94V-0,BLACK.
ACTUATOR: NYLON PA46 UL94V-0 NATURAL.
MOVABLE CONTACT: COPPER ALLOY,SILVER OR GOLD OVER NICKEL.
FIXED CONTACT/TERMINAL: COPPER ALLOY,SILVER OR GOLD OVER NICKEL
TERMINAL-COPPER ALLOY TIN OVER NICKEL .
PACKAGING: 22" ANTI-STATIC TUBE.

ELECTRICAL:
CONTACT RATING: SILVER: 300 MILLIAMPS @ 115 VAC.
GOLD: 0.4 VA 20 VDC.
CONTACT RESISTANCE: INITIAL 40 MILLIOHMS MAX.
INSULATION RESISTANCE: 1000 MEGOHMS MAX.
DIELECTRIC STRENGTH: 600 VOLTS RMS AT SEA LEVEL.
LIFE EXPECTANCY: 15,000 CYCLES MIN.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -40°F TO +176°C TO +80°C).
PROCESS CLEANING: WILL WITHSTAND AQUEOUS OR SOLVENT CLEANING PROCESSES.
SOLDER HEAT RESISTANCE PER 109-202, COND B(THRU-HOLE) & 109-201, COND B(SMT)
SOLDERABILITY PER EIA 364-52 CLASS 2 CATEGORY 1

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

△2 STANDARD PRODUCT (AFTER WELD) HEIGHT IS ALLOWED UP TO .180 IN. ALL SWITCH "SPECIAL" MUST MAINTAIN .178 MAX. (AFTER WELD) HEIGHT

△3 OBSOLETE

Dim D	Dim C	Dim B	Dim A	Finish	Mounting Style	Actuation	Function	Old T&B P/N	P/N
~~0.230 [5.82]~~	~~0.800 [20.32]~~	~~0.260 [6.60]~~	~~1.000 [25.40]~~	SILVER	SMT	SIDE	6PDT	ASE62RS04	~~4-1825010-8~~
~~0.230 [5.82]~~	~~0.800 [20.32]~~	~~0.260 [6.60]~~	~~1.000 [25.40]~~	GOLD	SMT	SIDE	6PDT	ASE62RGS04	~~4-1825010-7~~
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	SILVER	SMT	SIDE	6PDT	ASE62RL04	4-1825010-6
~~0.230 [5.82]~~	~~0.800 [20.32]~~	~~0.260 [6.60]~~	~~1.000 [25.40]~~	GOLD	SMT	SIDE	6PDT	ASE62RGL04	~~4-1825010-5~~
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	SILVER	SMT	TOP	6PDT	ASE62S04	4-1825010-4
~~0.230 [5.82]~~	~~0.800 [20.32]~~	~~0.260 [6.60]~~	~~1.000 [25.40]~~	GOLD	SMT	TOP	6PDT	ASE62GS04	~~4-1825010-3~~
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	SILVER	SMT	TOP	6PDT	ASE62L04	4-1825010-2
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	GOLD	SMT	TOP	6PDT	ASE62GL04	4-1825010-1
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	GOLD	THRU-HOLE	SIDE	6PDT	ASE62RG04	4-1825010-0
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	SILVER	THRU-HOLE	SIDE	6PDT	ASE62R04	3-1825010-9
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	GOLD	THRU-HOLE	TOP	6PDT	ASE62G04	3-1825010-8
0.230 [5.82]	0.800 [20.32]	0.260 [6.60]	1.000 [25.40]	SILVER	THRU-HOLE	TOP	6PDT	ASE6204	3-1825010-7
0.230 [5.82]	0.900 [22.86]	0.360 [9.14]	1.100 [27.94]	SILVER	SMT	SIDE	4P3T	ASE43RS04	3-1825010-6
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	SMT	SIDE	4P3T	ASE43RGS04	~~3-1825010-5~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	SILVER	SMT	SIDE	4P3T	ASE43RL04	~~3-1825010-4~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	SMT	SIDE	4P3T	ASE43RGL04	~~3-1825010-3~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	SILVER	SMT	TOP	4P3T	ASE43S04	~~3-1825010-2~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	SMT	TOP	4P3T	ASE43GS04	~~3-1825010-1~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	SILVER	SMT	TOP	4P3T	ASE43L04	~~3-1825010-0~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	SMT	TOP	4P3T	ASE43GL04	~~2-1825010-9~~
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	THRU-HOLE	SIDE	4P3T	ASE43RG04	~~2-1825010-8~~
0.230 [5.82]	0.900 [22.86]	0.360 [9.14]	1.100 [27.94]	SILVER	THRU-HOLE	SIDE	4P3T	ASE43R04	2-1825010-7
~~0.230 [5.82]~~	~~0.900 [22.86]~~	~~0.360 [9.14]~~	~~1.100 [27.94]~~	GOLD	THRU-HOLE	TOP	4P3T	ASE43G04	~~2-1825010-6~~
0.230 [5.82]	0.900 [22.86]	0.360 [9.14]	1.100 [27.94]	SILVER	THRU-HOLE	TOP	4P3T	ASE4304	2-1825010-5
~~0.230 [5.82]~~	~~0.500 [12.70]~~	~~0.260 [6.60]~~	~~0.700 [17.78]~~	SILVER	SMT	SIDE	4PDT	ASE42RS04	~~2-1825010-4~~
~~0.230 [5.82]~~	~~0.500 [12.70]~~	~~0.260 [6.60]~~	~~0.700 [17.78]~~	GOLD	SMT	SIDE	4PDT	ASE42RGS04	~~2-1825010-3~~
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	SILVER	SMT	SIDE	4PDT	ASE42RL04	2-1825010-2
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	GOLD	SMT	SIDE	4PDT	ASE42RGL04	2-1825010-1
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	SILVER	SMT	TOP	4PDT	ASE42S04	2-1825010-0
~~0.230 [5.82]~~	~~0.500 [12.70]~~	~~0.260 [6.60]~~	~~0.700 [17.78]~~	GOLD	SMT	TOP	4PDT	ASE42GS04	~~1-1825010-9~~
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	SILVER	SMT	TOP	4PDT	ASE42L04	1-1825010-8
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	GOLD	SMT	TOP	4PDT	ASE42GL04	1-1825010-7
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	GOLD	THRU-HOLE	SIDE	4PDT	ASE42RG04	1-1825010-6
~~0.230 [5.82]~~	~~0.500 [12.70]~~	~~0.260 [6.60]~~	~~0.700 [17.78]~~	SILVER	THRU-HOLE	SIDE	4PDT	ASE42R04	~~1-1825010-5~~
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	GOLD	THRU-HOLE	TOP	4PDT	ASE42G04	1-1825010-4
0.230 [5.82]	0.500 [12.70]	0.260 [6.60]	0.700 [17.78]	SILVER	THRU-HOLE	TOP	4PDT	ASE4204	1-1825010-3
~~0.105 [2.67]~~	~~0.200 [5.08]~~	~~0.260 [6.60]~~	~~0.400 [10.16]~~	SILVER	SMT	SIDE	DPDT	ASE22RS04	~~1-1825010-2~~
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	SMT	SIDE	DPDT	ASE22RGS04	1-1825010-1
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	SILVER	SMT	SIDE	DPDT	ASE22RL04	1-1825010-0
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	SMT	SIDE	DPDT	ASE22RGL04	1825010-9
~~0.105 [2.67]~~	~~0.200 [5.08]~~	~~0.260 [6.60]~~	~~0.400 [10.16]~~	SILVER	SMT	TOP	DPDT	ASE22S04	~~1825010-8~~
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	SMT	TOP	DPDT	ASE22GS04	1825010-7
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	SILVER	SMT	TOP	DPDT	ASE22L04	1825010-6
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	SMT	TOP	DPDT	ASE22GL04	1825010-5
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	THRU-HOLE	SIDE	DPDT	ASE22RG04	1825010-4
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	SILVER	THRU-HOLE	SIDE	DPDT	ASE22R04	1825010-3
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	GOLD	THRU-HOLE	TOP	DPDT	ASE22G04	1825010-2
0.105 [2.67]	0.200 [5.08]	0.260 [6.60]	0.400 [10.16]	SILVER	THRU-HOLE	TOP	DPDT	ASE2204	1825010-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

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

MATERIAL SEE SPECIFICATIONS
FINISH SEE SPECIFICATIONS

DWN B.S.VISWESWARA 15FEB05
CHK M.S.SARVER 15FEB05
APVD M.S.SARVER 15FEB05
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME SLIDE SWITCH ASE/ASF, AUTO-INSERTABLE, THRU-HOLE AND SURFACE MOUNT

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1825010 | RESTRICTED TO —

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV B5

4805 (1/15)

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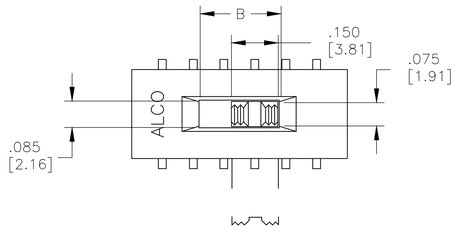
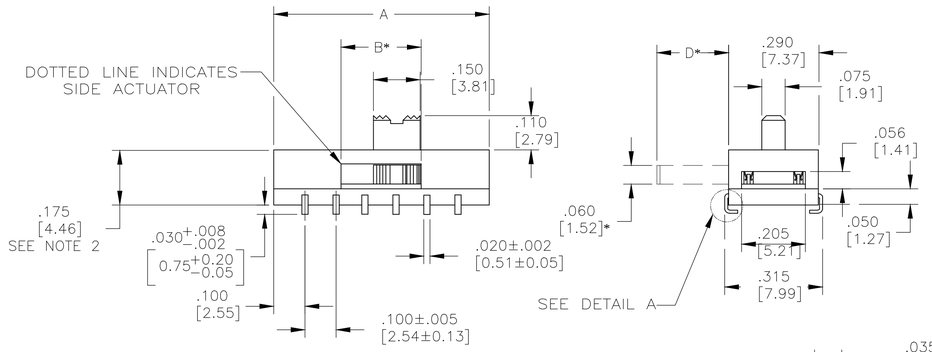
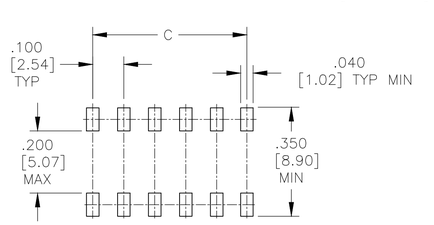
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

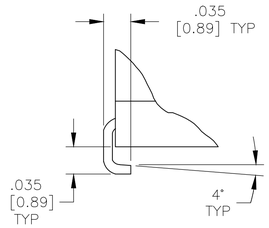


* SIDE ACTUATOR ONLY.



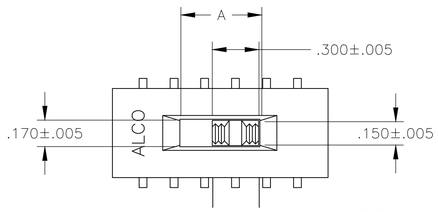


PRINTED CIRCUIT BOARD
PAD LAYOUT

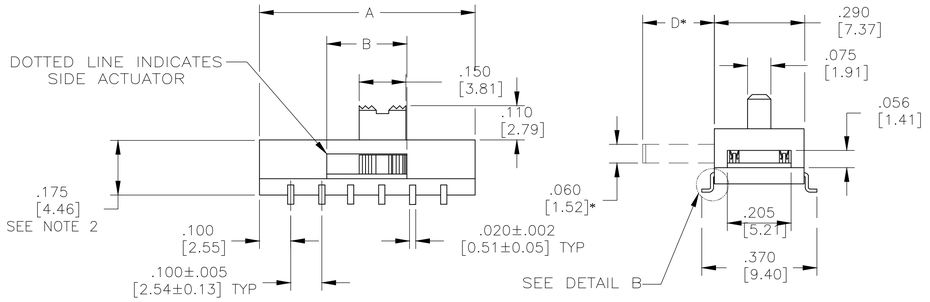


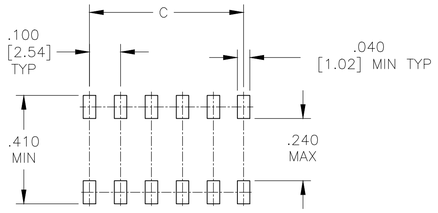
DETAIL A
SCALE 10:1

"S" J-LEAD TYPE SURFACE MOUNT

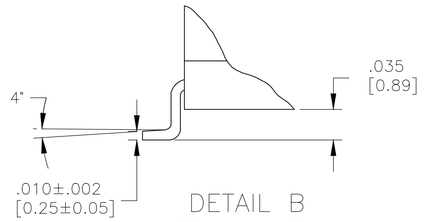


* SIDE ACTUATOR ONLY.





PRINTED CIRCUIT BOARD
PAD LAYOUT



DETAIL B
SCALE 10:1

"L" GULL WING TYPE SURFACE MOUNT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.S.VISWESWARA 15FEB05	TE Connectivity
DIMENSIONS: INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± – ; 3 PLC ± .010 ; 4 PLC ± – ; ANGLES ± 1°	CHK M.S.SARVER 15FEB05	SLIDE SWITCH ASE/ASF, AUTO-INSERTABLE, THRU-HOLE AND SURFACE MOUNT –
		APVD M.S.SARVER 15FEB05	NAME
		PRODUCT SPEC —	SIZE A1 · CAGE CODE 00779 · DRAWING NO C-1825010 · RESTRICTED TO —
		APPLICATION SPEC —	
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT	
		CUSTOMER DRAWING	SCALE 4:1 · SHEET 2 OF 2 · REV B5

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

2-1825010-2