

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	OWN	APVD
AD	00		A1	REVISED PER ECO-11-021525	05NOV11	KH	PO

SPECIFICATIONS:

MATERIAL
BASE, PPS,UL94V-0, BLACK
COVER, PPS, UL94V-0, BLACK
ACTUATOR, PA6T, UL94V-0, WHITE
FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL
MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL
TAPE SEAL-POLYIMIDE FILM, AMBER, SEE P/N TABLE FOR OPTIONS

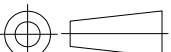
ELECTRICAL
MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS
INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC
DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL
LIFE EXPECTANCY, 1,000 CYCLES

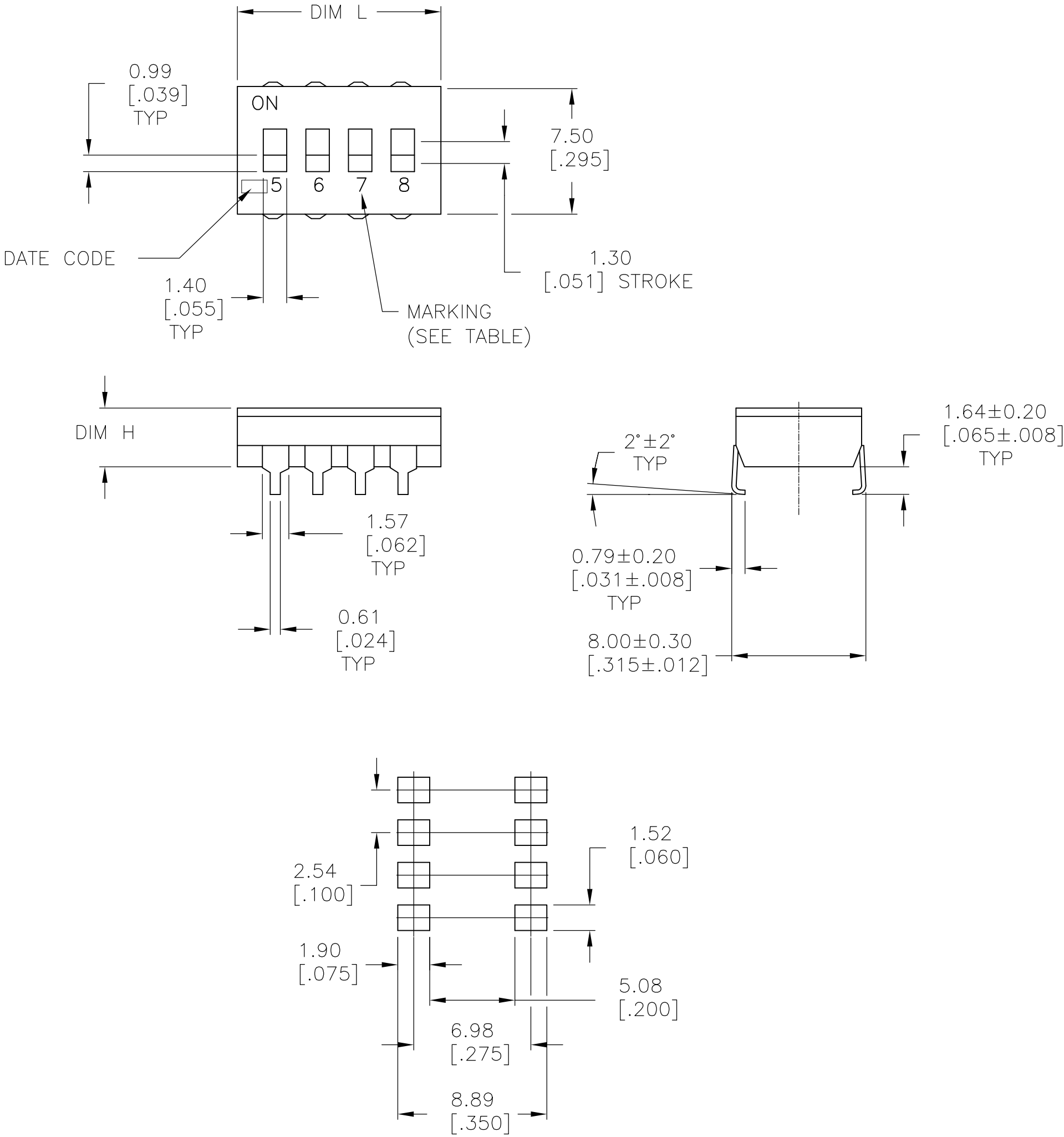
MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -45 TO + 100 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201, COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053.

- SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION OR PACKAGED ON TAPE AND REEL
- TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
- SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- TAPE AND REEL PACKAGING PER EIA 481.

1,2,3,4,5,6,7,8,1,2,3,4	T&R	NO	3.61 (.142)	32.50 (1.280)	12	ADF12SATR04900	1977208-4
5,6,7,8	T&R	NO	3.50 (.138)	12.14 (.478)	4	ADF04SATR04900	1977208-3
1,2,3,4,5,6,7,8,1,2,3,4	T&R	YES	3.61 (.142)	32.50 (1.280)	12	ADF12SATTR04900	1977208-2
5,6,7,8	T&R	YES	3.50 (.138)	12.14 (.478)	4	ADF04SATTR04900	1977208-1
Marking	Pkg.	Tape Seal	DIM H	Dim L	Pole	Old T&B P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M.BINNER	30AUG07	 TE Connectivity						
DIMENSIONS: mm [INCHES]			CHK M.SARVER	-							
			APVD M.SARVER	-	NAME DIP SWITCH, ADF-SMT SERIES, SPECIAL						
			PRODUCT SPEC —								
			APPLICATION SPEC —								
			—								
TOLERANCES UNLESS OTHERWISE SPECIFIED:			WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO			
0 PLC ± -			—		A2	—	C=1977208	—			
1 PLC ± -											
2 PLC ± 0.30[.012]											
3 PLC ± -											
4 PLC ± -			—								
ANGLES ± -			—								
FINISH			—								
MATERIAL			—								
—			—								
CUSTOMER DRAWING					SCALE	4:1		SHEET	1 of 1	REV	A1



RECOMMENDED PAD LAYOUT