

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A3	REVISED PER ECO-15-016047	16NOV2015	NK	RH

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

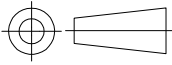
MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 280,000 PSI

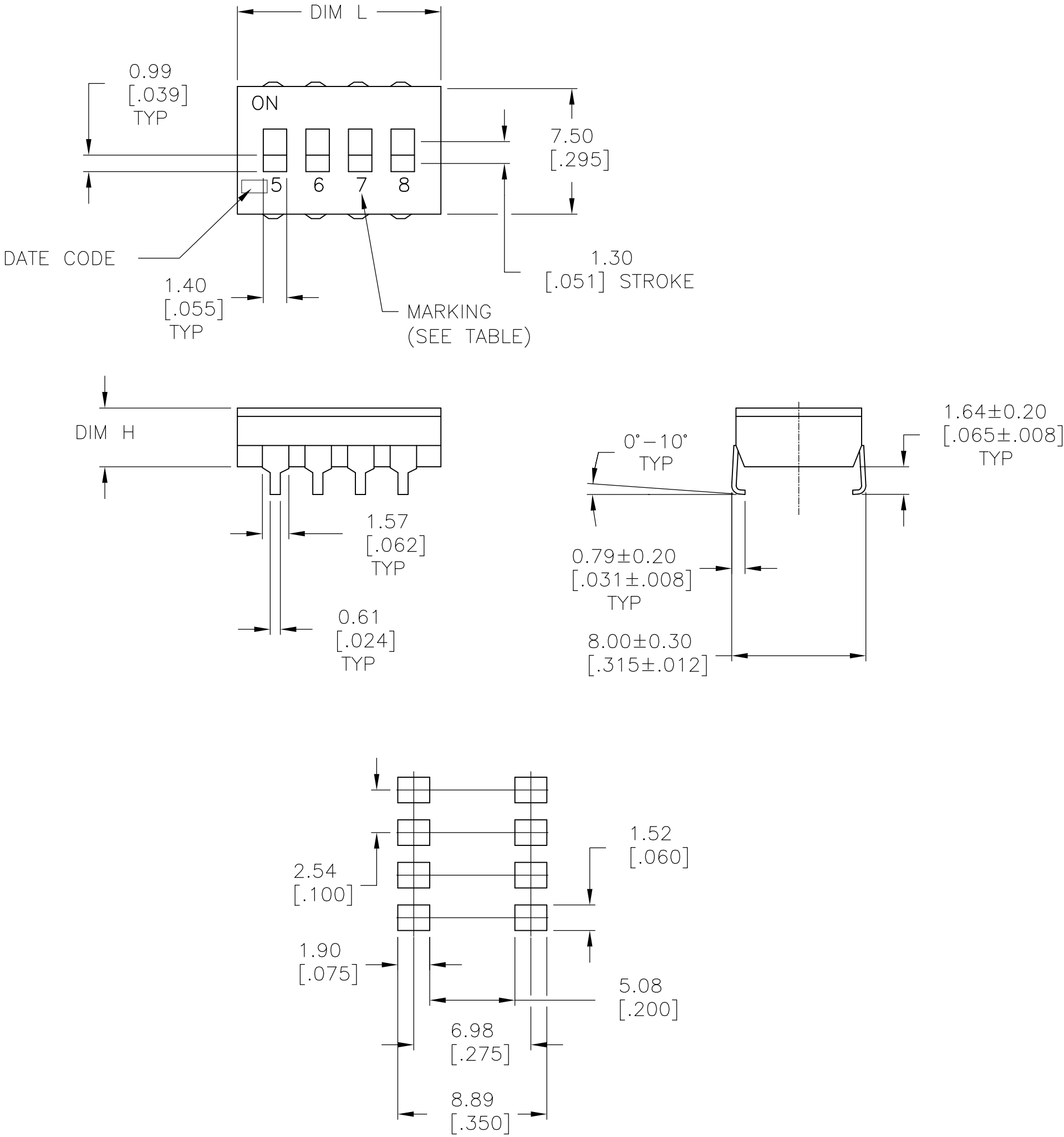
ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -45 TO + 100 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201, COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053.

- 1
- SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION OR PACKAGED ON TAPE AND REEL
- 2
- TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
- 3
- SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- 4
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 5
- TAPE AND REEL PACKAGING PER EIA 481.

- 6
- FOR 1977208-1,-3, DIM: 24.5
FOR 1977208-2,-4, DIM: 44.4

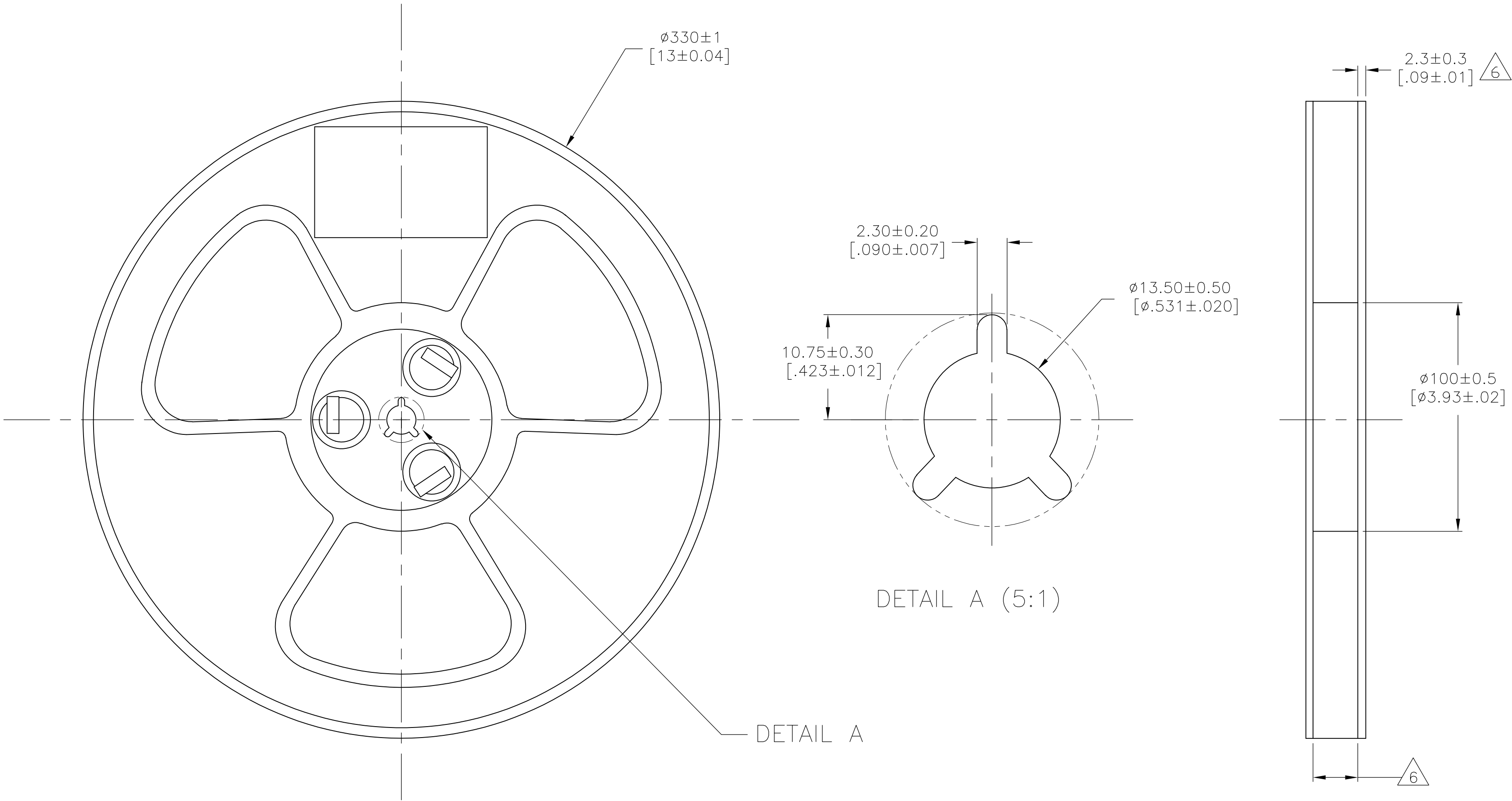
1,2,3,4,5,6,7,8,1,2,3,4	T&R	NO	3.61 (.142)	32.50 (1.280)	12	ADF12SATR04900	1977208-4
5,6,7,8	T&R	NO	3.50 (.138)	12.14 (.478)	4	ADF04SATR04900	1977208-3
1,2,3,4,5,6,7,8,1,2,3,4	T&R	YES	3.61 (.142)	32.50 (1.280)	12	ADF12SATTR04900	1977208-2
5,6,7,8	T&R	YES	3.50 (.138)	12.14 (.478)	4	ADF04SATTR04900	1977208-1
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	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC	-	SIZE	CAGE CODE	DRAWING NO
0 PLC ± -			WEIGHT	-	A2	-	1977208
1 PLC ± -			CUSTOMER DRAWING		SCALE	4:1	SHEET 1 of 2
2 PLC ± 0.30[.012]							REV A3
3 PLC ± -							
4 PLC ± -							
ANGLES ± -							
FINISH							



RECOMMENDED PAD LAYOUT

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



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DIMENSIONS: mm [INCHES]		CHK	M.SARVER	-			
		APVD	M.SARVER	-	NAME		
		PRODUCT SPEC		-	DIP SWITCH, ADF-SMT SERIES, SPECIAL		
		APPLICATION SPEC		-			
		WEIGHT		-	SIZE	CAGE CODE	DRAWING NO
MATERIAL		FINISH		-	A2	-	C=1977208
					SCALE		SHEET
					4:1		2 OF 2
							REV
							A3