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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	00	0	EC 0G3C 0020 05	03MAR05	BSV	MSS	

SPECIFICATIONS:

MATERIALS:

- CASE-PPS, UL94V0-BLACK
- COVER-PPS, UL94V0-BLACK
- ACTUATOR-LCP, UL94V0-WHITE
- CONTACTS AND TERMINALS-COPPER ALLOY, GOLD OVER NICKEL
- TAPE SEAL-POLYIMIDE FILM

ELECTRICAL:

- CONTACT RATING: NON-SWITCHING: 100mA @ 50VDC
SWITCHING: 25mA 24VDC
- INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX. @ 2VDC, 10mA
- INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100VDC
- DIELECTRIC STRENGTH: 300VAC FOR 1 MINUTE
- LIFE EXPECTANCY: 1000 CYCLES

MECHANICAL:

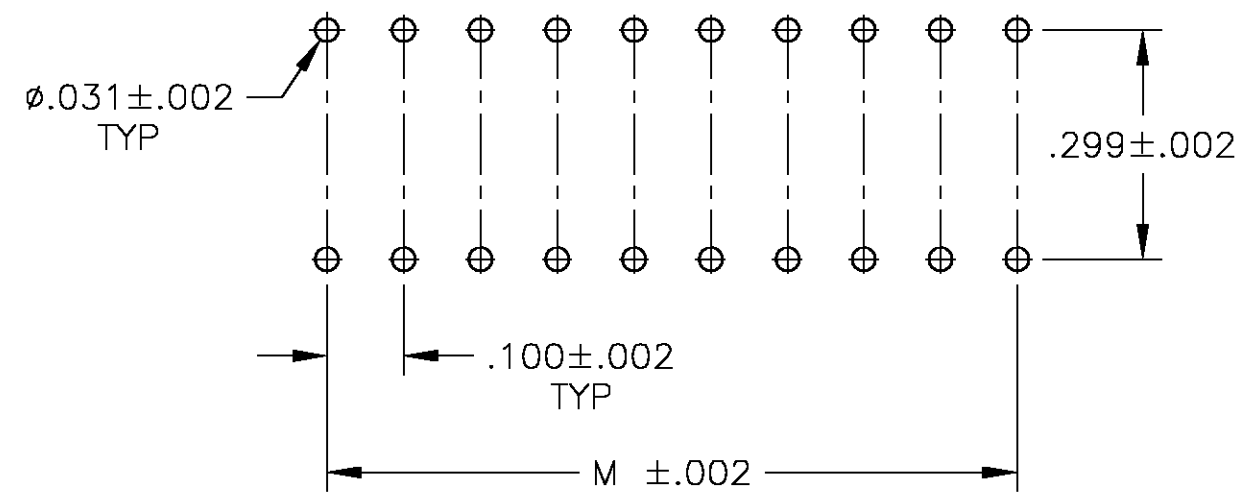
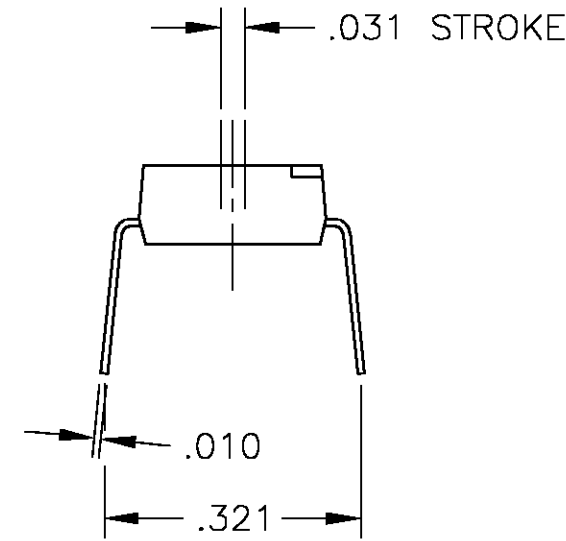
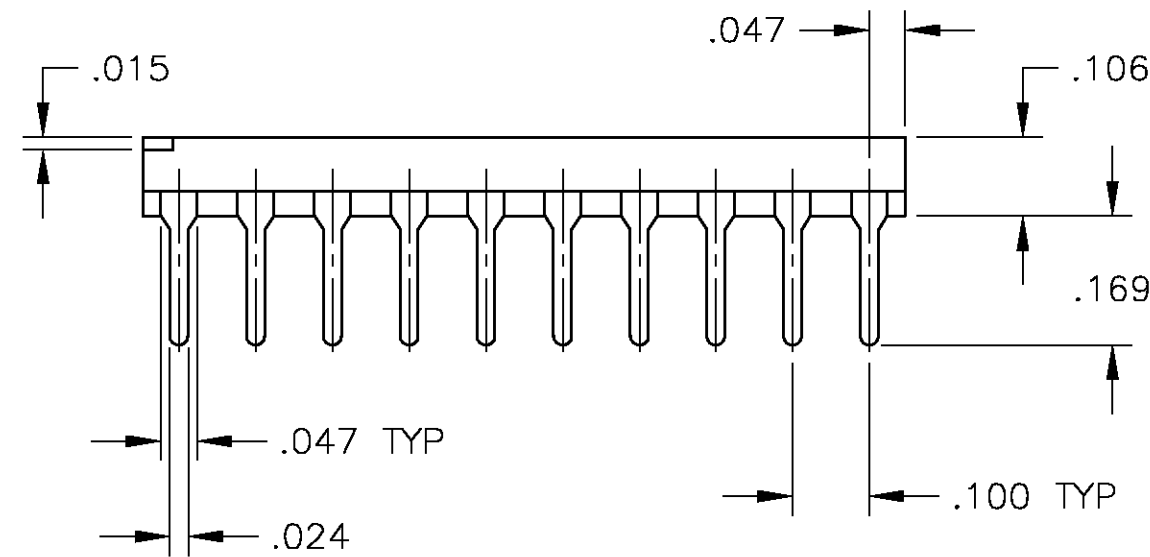
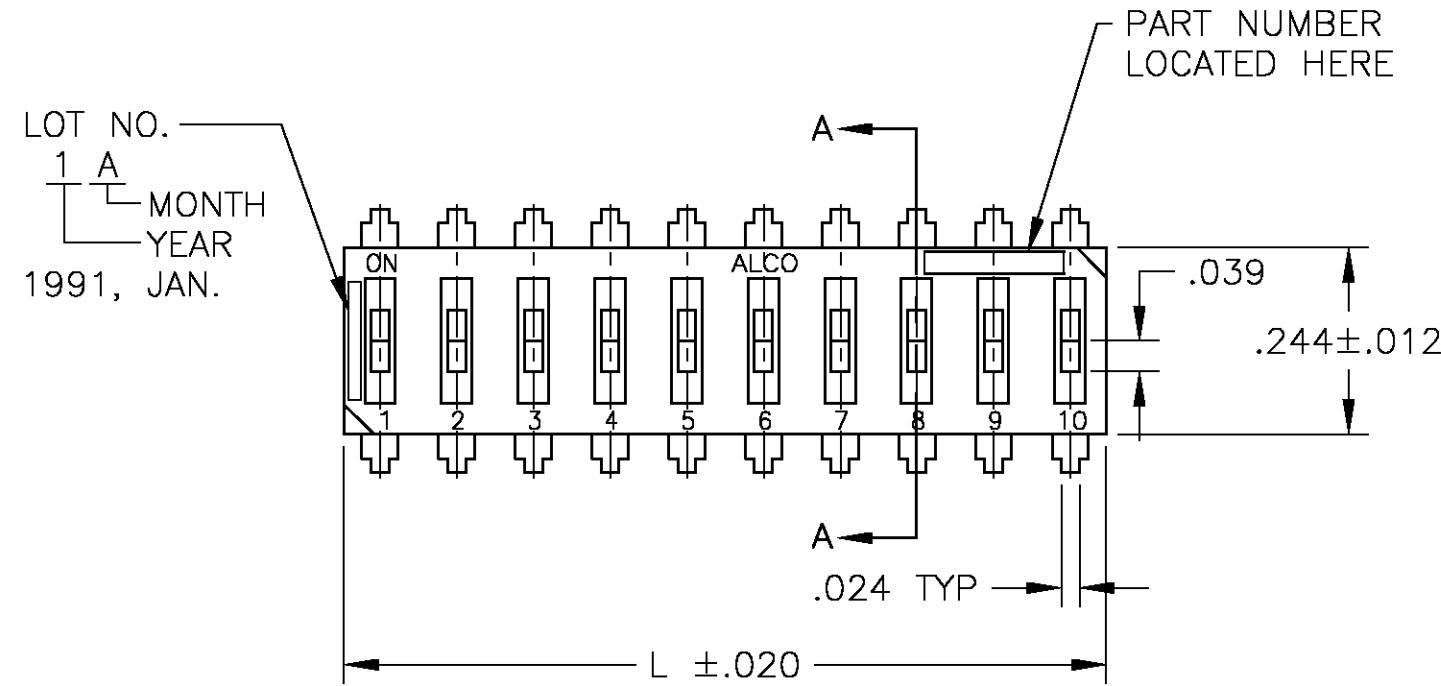
- ACTUATION FORCE: 60-600 GRAMS

ENVIRONMENTAL:

- OPERATING TEMPERATURE: -45°C TO +100°C
- STORAGE TEMPERATURE: -45°C TO +100 °C
- SOLDER HEAT RESISTANCE PER 109-202, CONDITION B (THRU-HOLE) OR 109-201, CONDITION B (SMT)
- SOLDERABILITY PER JIS C 0500 & JIS C 0053

NOTES:

- TAPE AND REEL PACKAGING PER EIA 481 - PART NO.S GDSXXSTR.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- SEE SHEET 2 FOR SURFACE MOUNTING DETAILS.



P.C.B. HOLE LAYOUT

DIM M	DIM L	SEAL	MTG	POLE	OLD T&B P/N	TYCO P/N
0.9	0.994	TAPE	SMT	10	GDS10STR04	2-1825006-0
0.9	0.994	TAPE	SMT	10	GDS10S04	1-1825006-9
0.9	0.994	NONE	T/H	10	GDS10NTS04	1-1825006-8
0.9	0.994	TAPE	T/H	10	GDS1004	1-1825006-7
0.7	0.794	TAPE	SMT	8	GDS08STR04	1-1825006-6
0.7	0.794	TAPE	SMT	8	GDS08S04	1-1825006-5
0.7	0.794	NONE	T/H	8	GDS08NTS04	1-1825006-4
0.7	0.794	TAPE	T/H	8	GDS0804	1-1825006-3
0.5	0.594	TAPE	SMT	6	GDS06STR04	1-1825006-2
0.5	0.594	TAPE	SMT	6	GDS06S04	1-1825006-1
0.5	0.594	NONE	T/H	6	GDS06NTS04	1-1825006-0
0.5	0.594	TAPE	T/H	6	GDS0604	1825006-9
0.3	0.394	TAPE	SMT	4	GDS04STR04	1825006-8
0.3	0.394	TAPE	SMT	4	GDS04S04	1825006-7
0.3	0.394	NONE	T/H	4	GDS04NTS04	1825006-6
0.3	0.394	TAPE	T/H	4	GDS0404	1825006-5
0.1	0.194	TAPE	SMT	2	GDS02STR04	1825006-4
0.1	0.194	TAPE	SMT	2	GDS02S04	1825006-3
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0.1	0.194	TAPE	T/H	2	GDS0204	1825006-1

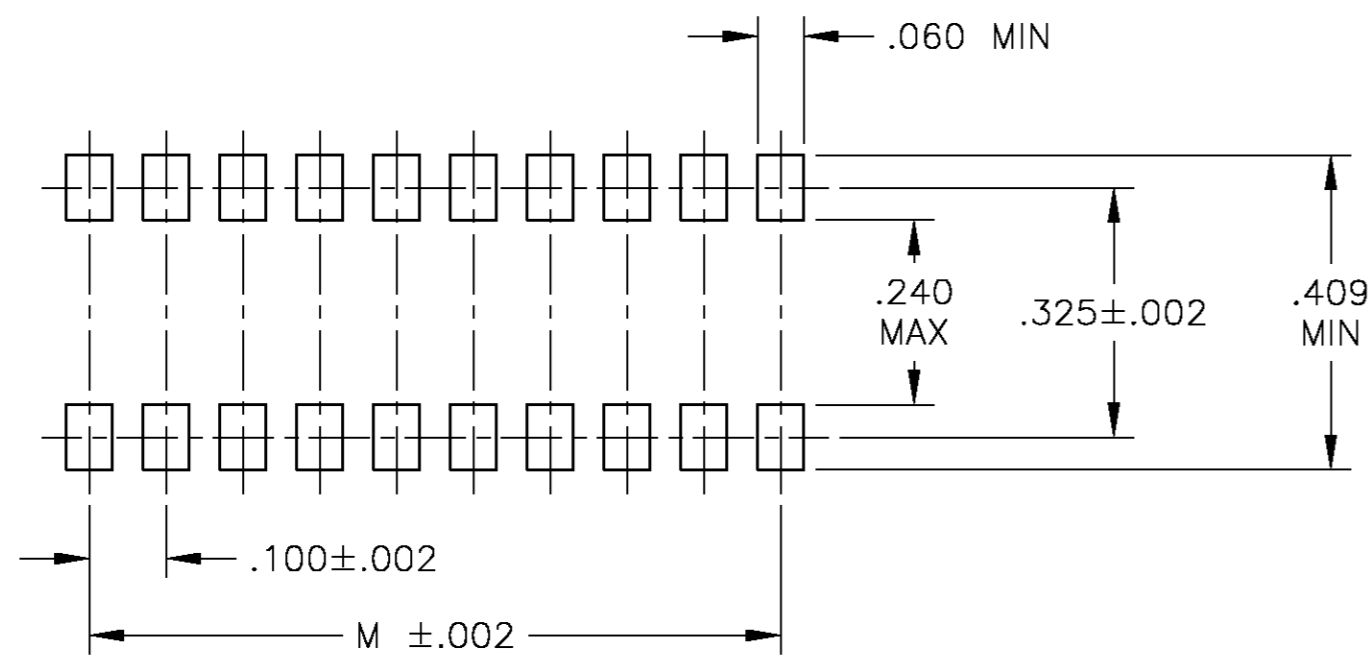
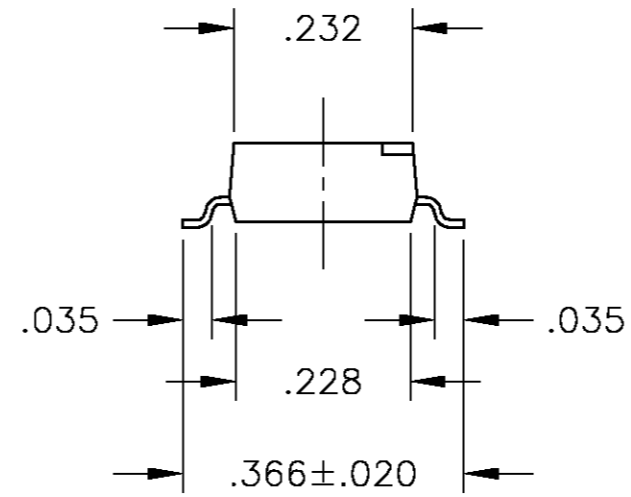
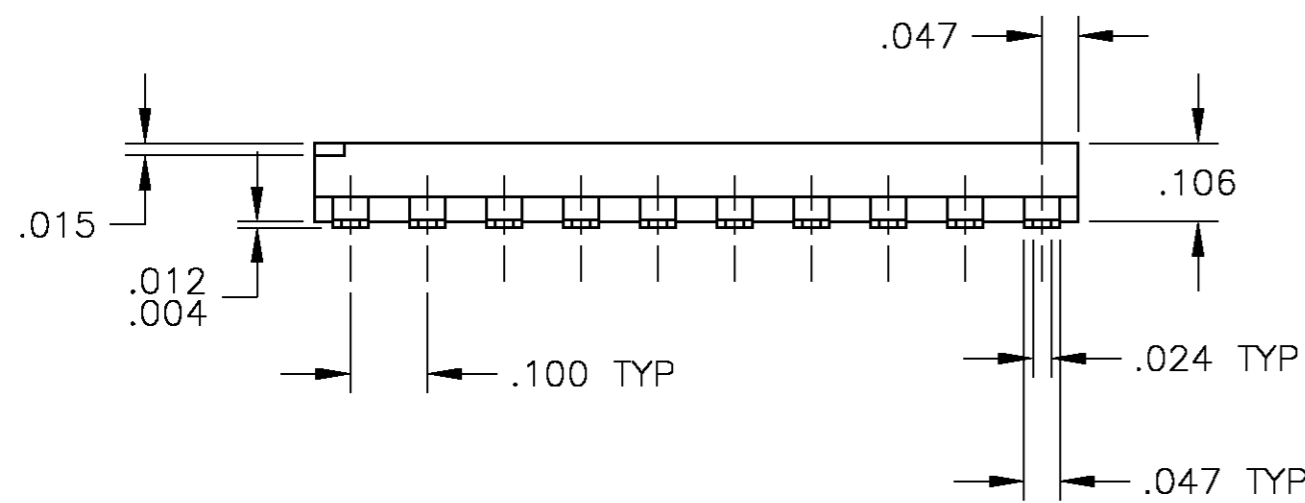
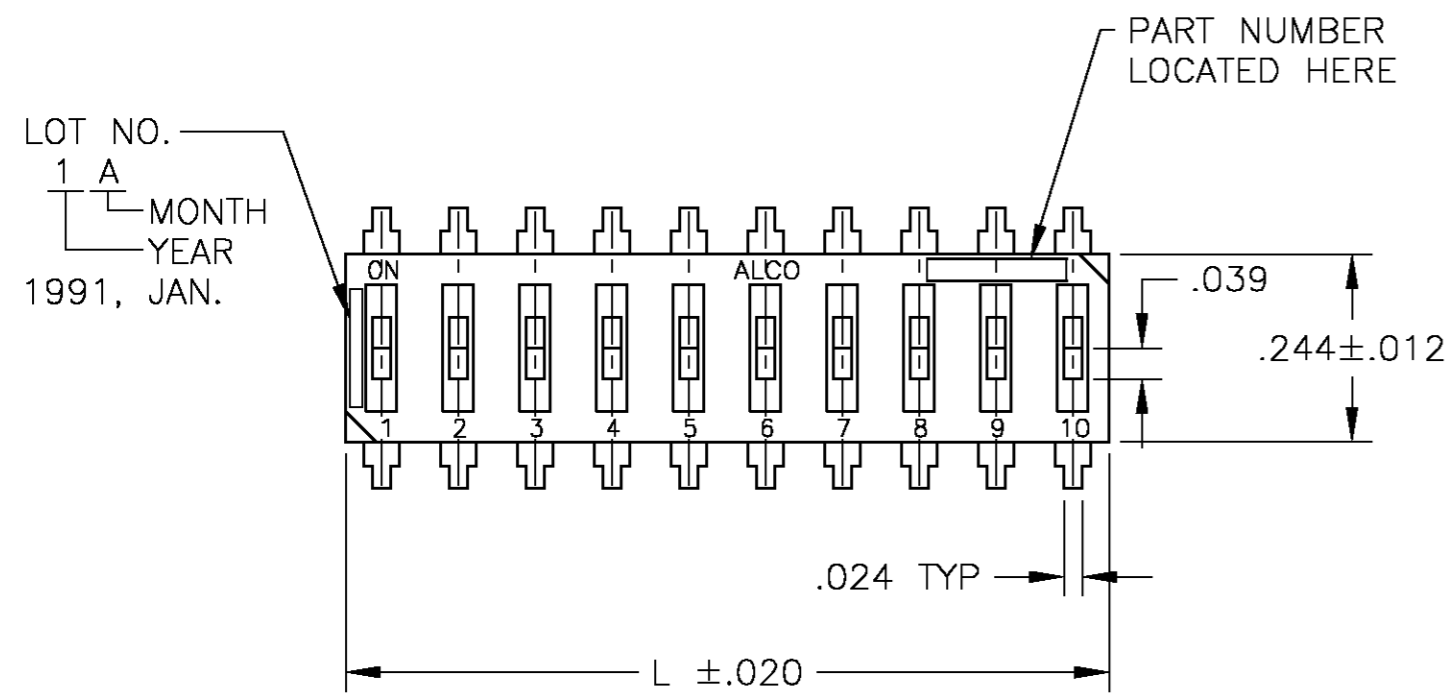
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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: B.S.VISWESWARA	CHK: M.S.SARVER	APVD: M.SARVER	PRODUCT SPEC	APPLICATION SPEC	WEIGHT	SIZE: A2	CAGE CODE: 00779	DRAWING NO: C=1825006	RESTRICTED TO
0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± .010	4 PLC ± -	ANGLES ± 1'	FINISH		SCALE: 4:1	SHEET: 1 OF 2	REV: 0	

Customer Drawing

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



SURFACE MOUNT PAD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA	Tyco Electronics Corporation	
DIMENSIONS: INCHES		CHK M.S.SARVER	Harrisburg, PA	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME	
0 PLC ± -		PRODUCT SPEC	DIP SWITCH ASSEMBLY	
1 PLC ± -		APPLICATION SPEC	GDS SERIES	
2 PLC ± -		SIZE	CAGE CODE	DRAWING NO
3 PLC ± .010		A2	00779	C=1825006
4 PLC ± -		WEIGHT	RESTRICTED TO	
ANGLES ± 1°		CUSTOMER DRAWING	SCALE 4:1	SHEET 2 OF 2
FINISH		REV 0		