

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			P	REVISED PER ECO-11-004820	11MAR11	RK	HMR

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:

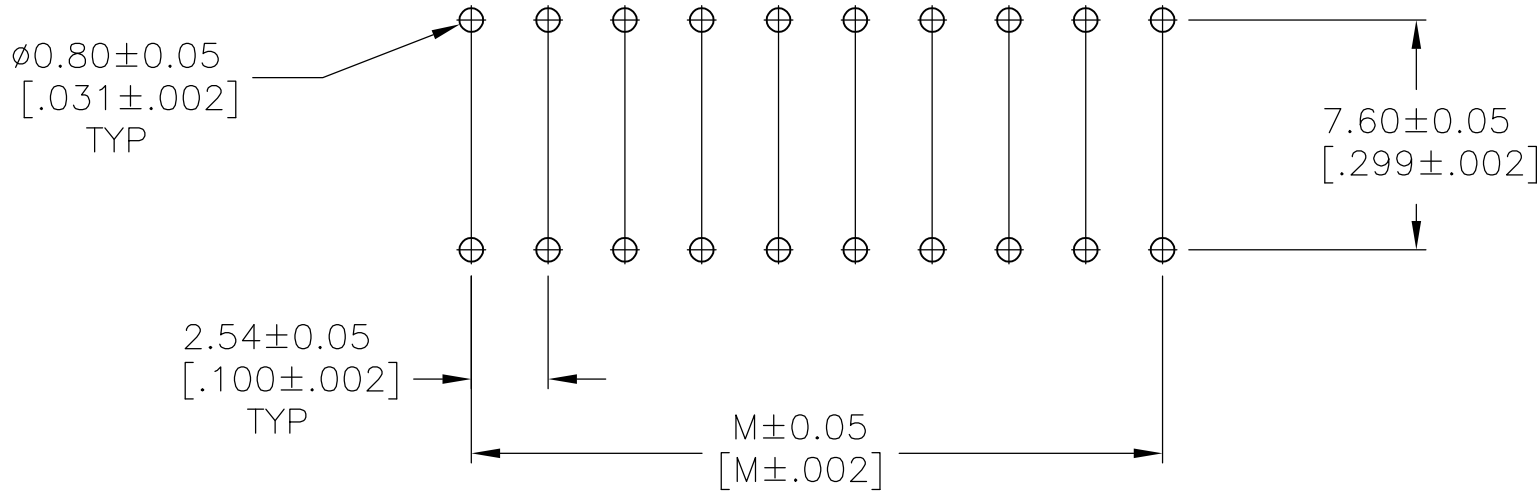
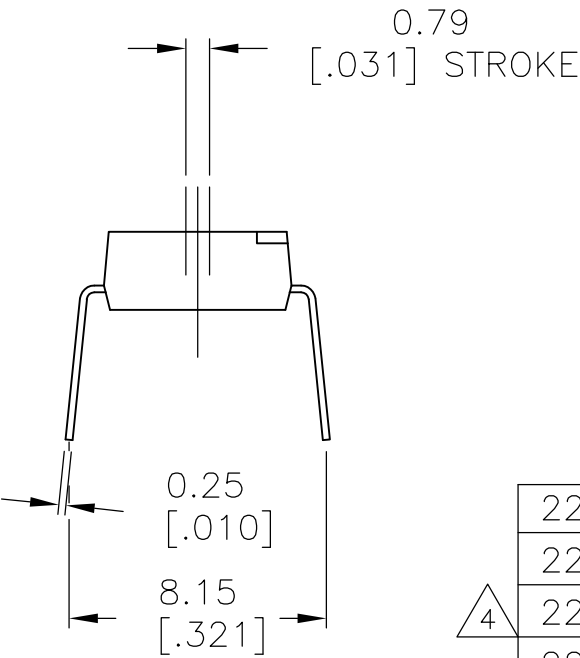
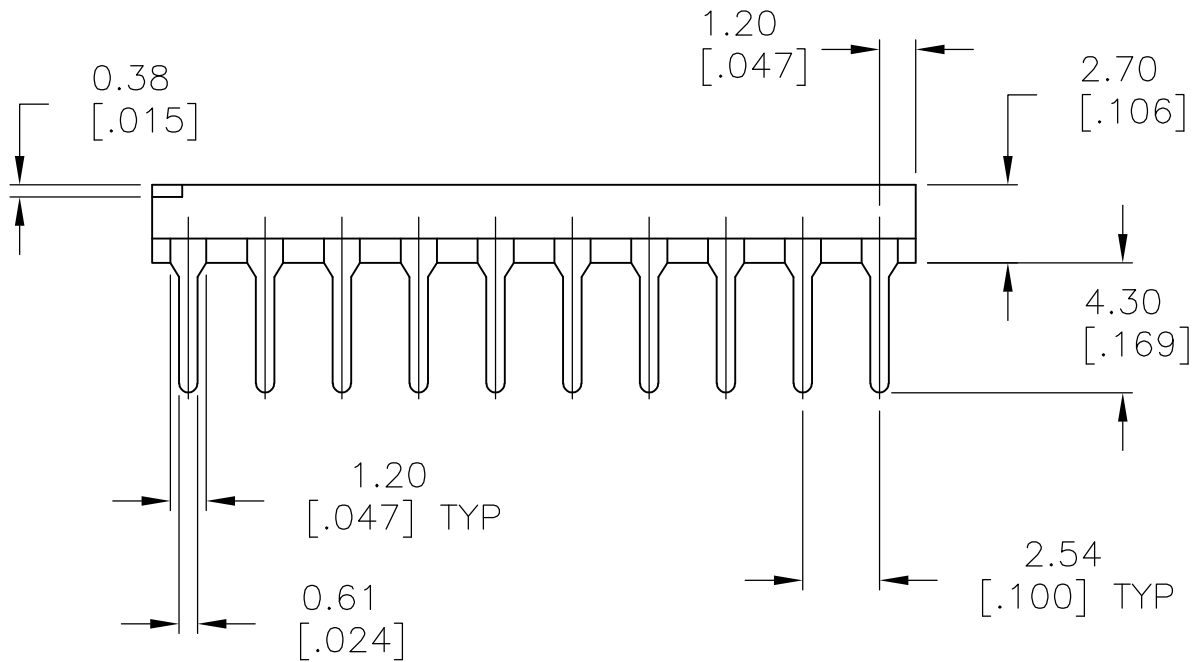
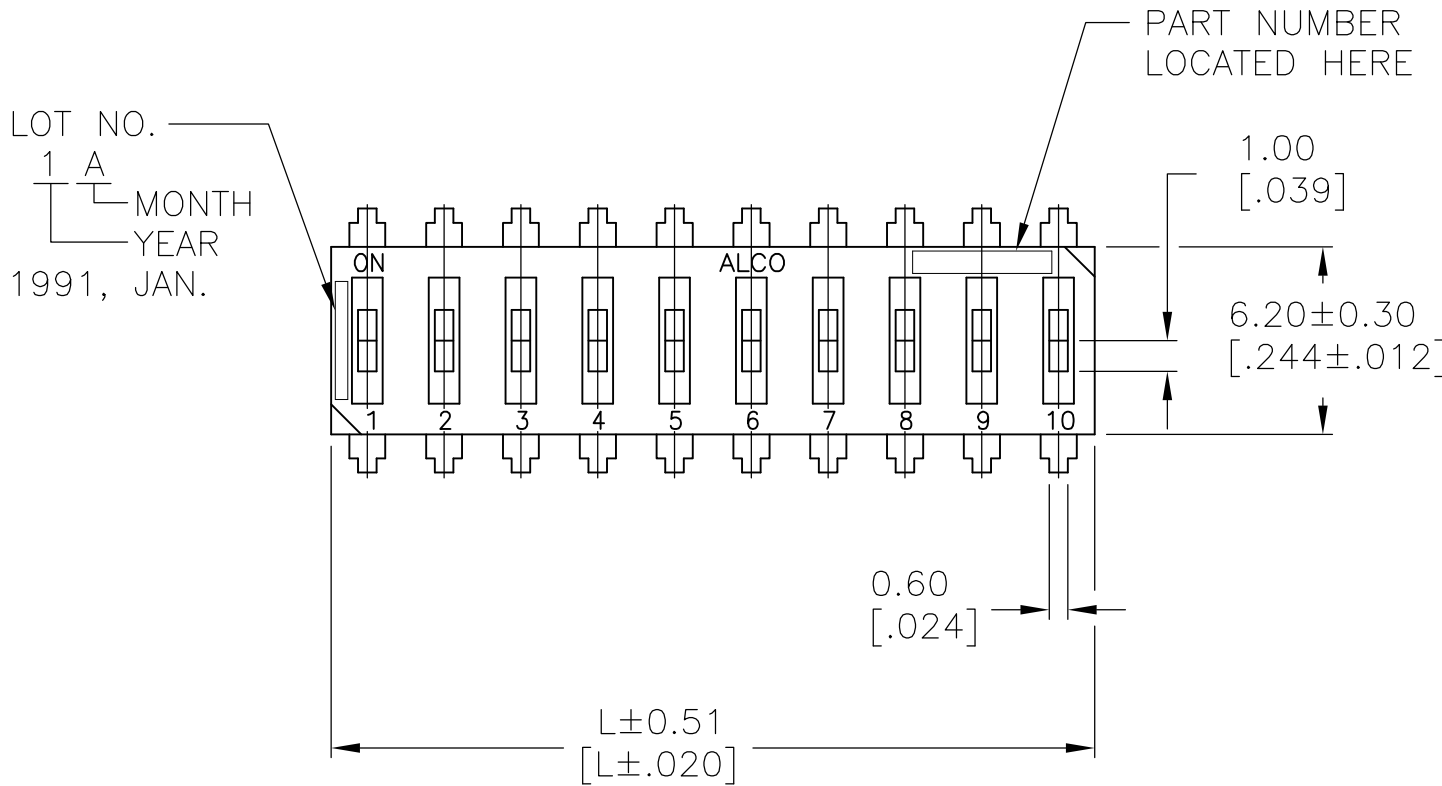
ACTUATION FORCE: 60-600 GRAMS

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.
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



P.C.B. HOLE LAYOUT

	22.86[.900]	25.25[.994]	TAPE	SMT	10	GDS10STR04	2-1825006-0
	22.86[.900]	25.25[.994]	TAPE	SMT	10	GDS10S04	1-1825006-9
4	22.86[.900]	25.25[.994]	NONE	T/H	10	GDS10NTS04	1-1825006-8
	22.86[.900]	25.25[.994]	TAPE	T/H	10	GDS1004	1-1825006-7
	17.78[.700]	20.17[.794]	TAPE	SMT	8	GDS08STR04	1-1825006-6
	17.78[.700]	20.17[.794]	TAPE	SMT	8	GDS08S04	1-1825006-5
4	17.78[.700]	20.17[.794]	NONE	T/H	8	GDS08NTS04	1-1825006-4
	17.78[.700]	20.17[.794]	TAPE	T/H	8	GDS0804	1-1825006-3
	12.7[.500]	15.09[.594]	TAPE	SMT	6	GDS06STR04	1-1825006-2
4	12.7[.500]	15.09[.594]	TAPE	SMT	6	GDS06S04	1-1825006-1
4	12.7[.500]	15.09[.594]	NONE	T/H	6	GDS06NTS04	1-1825006-0
	12.7[.500]	15.09[.594]	TAPE	T/H	6	GDS0604	1825006-9
	7.62[.300]	10.01[.394]	TAPE	SMT	4	GDS04STR04	1825006-8
4	7.62[.300]	10.01[.394]	TAPE	SMT	4	GDS04S04	1825006-7
4	7.62[.300]	10.01[.394]	NONE	T/H	4	GDS04NTS04	1825006-6
	7.62[.300]	10.01[.394]	TAPE	T/H	4	GDS0404	1825006-5
	2.54[.100]	4.93[.194]	TAPE	SMT	2	GDS02STR04	1825006-4
	2.54[.100]	4.93[.194]	TAPE	SMT	2	GDS02S04	1825006-3
4	2.54[.100]	4.93[.194]	NONE	T/H	2	GDS02NTS04	1825006-2
	2.54[.100]	4.93[.194]	TAPE	T/H	2	GDS0204	1825006-1
	DIM M	DIM L	SEAL	MTG	POLE	OLD T&B P/N	PART NO

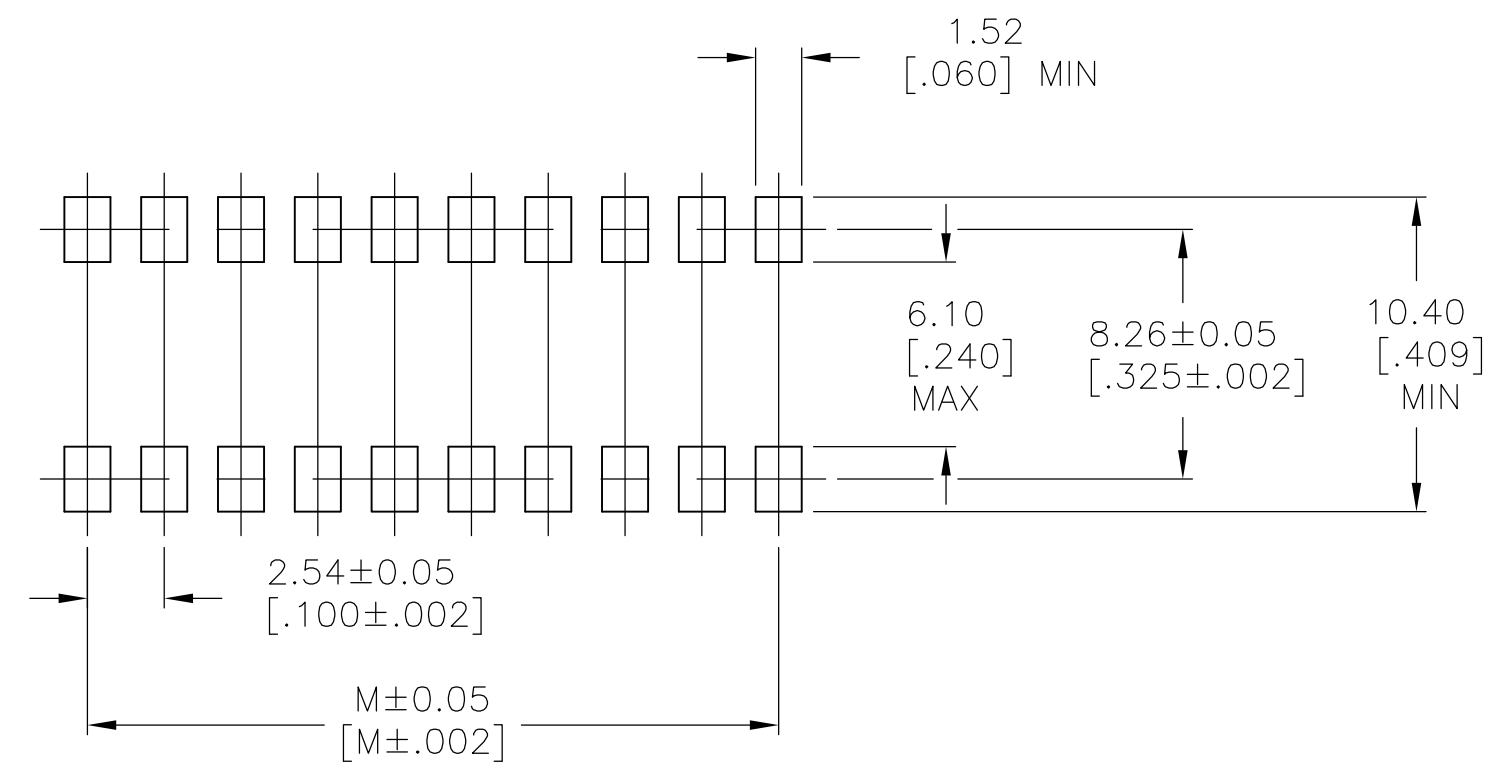
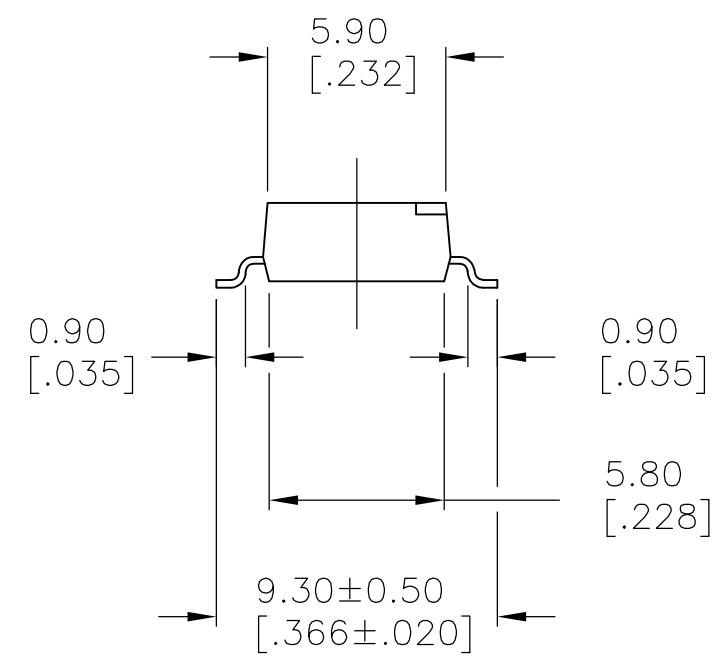
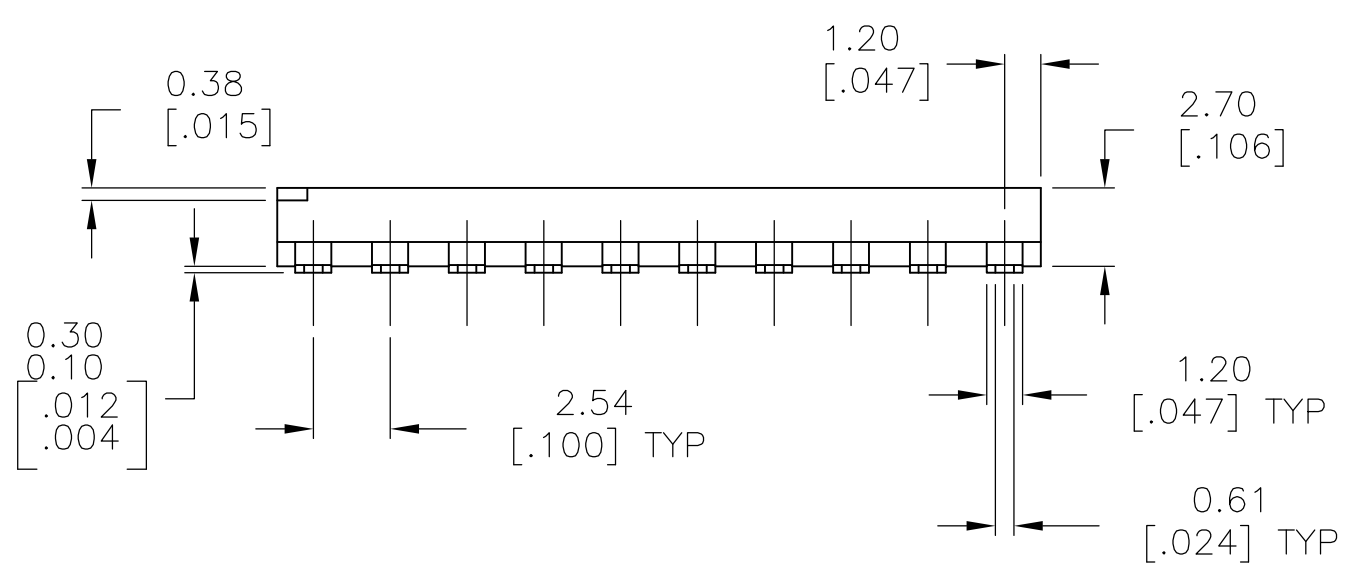
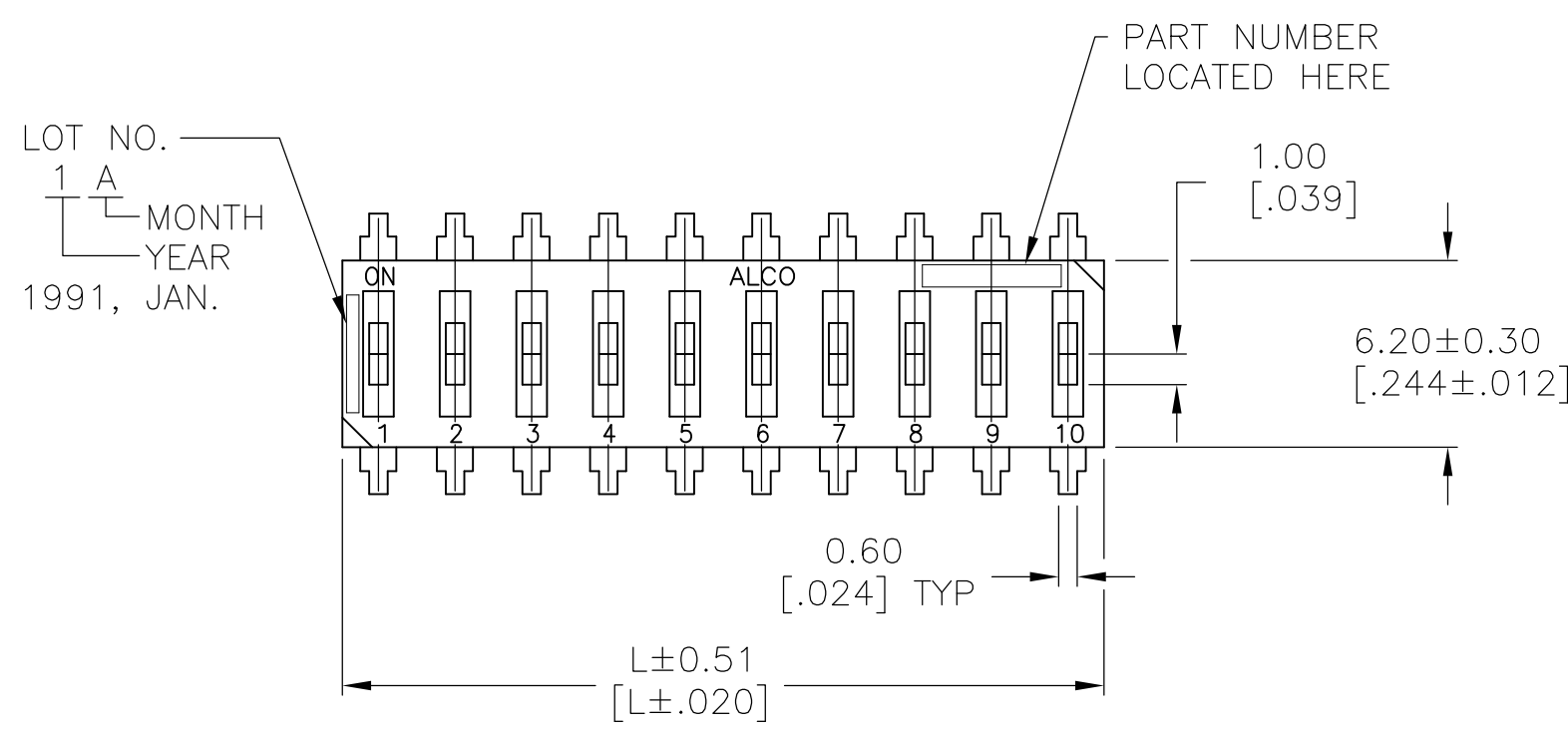
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	B.S.VISWESWARA	03MAR05	TE Connectivity	
DIMENSIONS: mm [INCHES]			CHK	M.S.SARVER	-		
			APVD	M.S.SARVER	-	NAME	
			PRODUCT SPEC	-	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC		-	DIP SWITCH ASSEMBLY GDS SERIES	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± 1°			WEIGHT		-		
MATERIAL -			FINISH -		-	SIZE	RESTRICTED TO
			CUSTOMER DRAWING		-	CAGE CODE	REV
			SCALE		4:1	DRAWING NO	P
			SHEET		1 of 2	1825006	

D

C

B

A



SURFACE MOUNT PAD LAYOUT

D

C

B

A

1825006

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	0.25[.010]
3 PLC	±	-
4 PLC	±	-
ANGLES	±	1°

FINISH
-

DWN
B.S.VISWESWARA

CHK
M.S.SARVER

APVD
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
DIP SWITCH ASSEMBLY
GDS SERIES

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825006

RESTRICTED TO
-

SCALE
4:1

SHEET
2 OF 2

REV
P