

P.C.B. HOLE LAYOUT

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
	R	REVISED PER ECO-16-018654	15MAY2017	RK PO

## 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 MOEGHMS MIN. @ 100VDC  
 DIELECTRIC STRENGTH: 300VAC FOR 1 MINUTE  
 LIFE EXPECTANCY: 1000 CYCLES

## MECHANICAL:

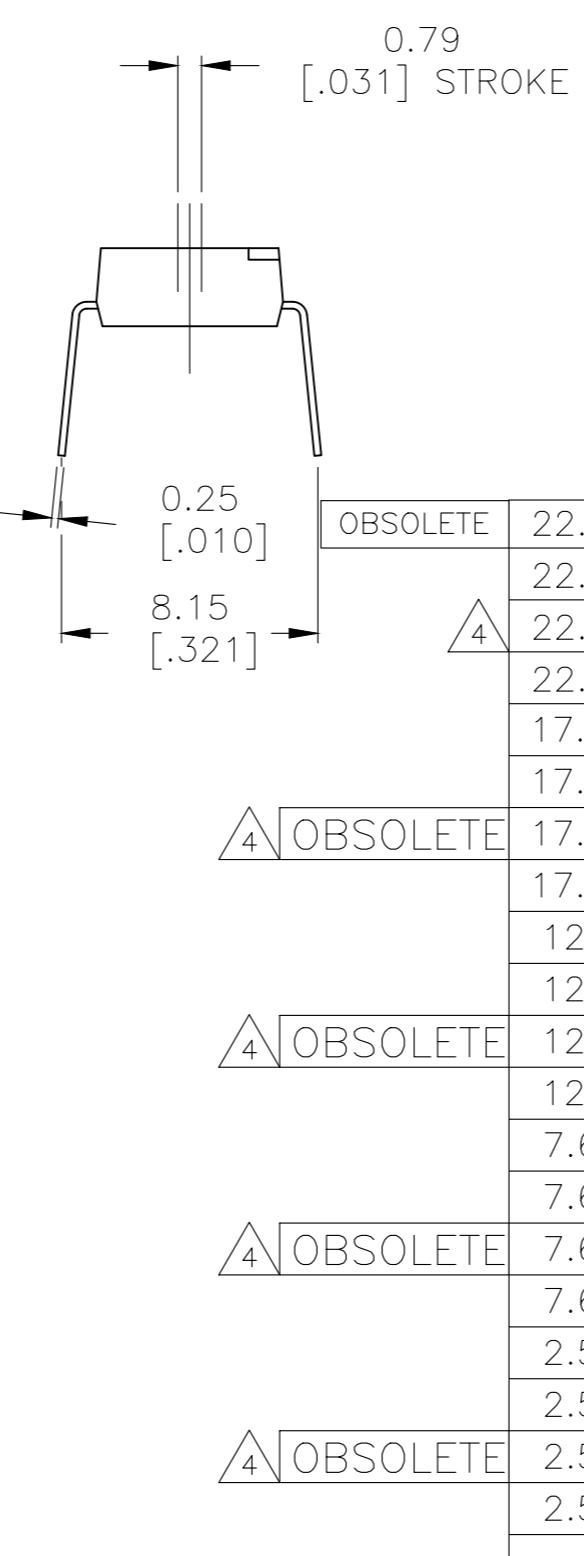
ACTUATION FORCE: 60-600 GRAMS

## 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:

1. TAPE AND REEL PACKAGING PER EIA 481 - PART NO.S GDSXXSTR.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
3. SEE SHEET 2 FOR SURFACE MOUNTING DETAILS.  
 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



4	OBsolete	22.86[.900]	25.25[.994]	TAPE	SMT	10	GDS10STR04	2-1825006-0
	4	22.86[.900]	25.25[.994]	TAPE	SMT	10	GDS10S04	1-1825006-9
	4	22.86[.900]	25.25[.994]	TAPE	T/H	10	GDS10NTS04	1-1825006-8
	4	22.86[.900]	25.25[.994]	TAPE	SMT	8	GDS1004	1-1825006-7
	4	17.78[.700]	20.17[.794]	TAPE	SMT	8	GDS08STR04	1-1825006-6
	4	17.78[.700]	20.17[.794]	TAPE	SMT	8	GDS08S04	1-1825006-5
	4	17.78[.700]	20.17[.794]	TAPE	T/H	8	GDS08NTS04	1-1825006-4
	4	17.78[.700]	20.17[.794]	TAPE	T/H	8	GDS0804	1-1825006-3
	4	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]	TAPE	T/H	6	GDS06NTS04	1-1825006-0
	4	12.7[.500]	15.09[.594]	TAPE	T/H	6	GDS0604	1825006-9
	4	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]	TAPE	T/H	4	GDS04NTS04	1825006-6
	4	7.62[.300]	10.01[.394]	TAPE	T/H	4	GDS0404	1825006-5
	4	2.54[.100]	4.93[.194]	TAPE	SMT	2	GDS02STR04	1825006-4
	4	2.54[.100]	4.93[.194]	TAPE	SMT	2	GDS02S04	1825006-3
	4	2.54[.100]	4.93[.194]	TAPE	T/H	2	GDS02NTS04	1825006-2
	4	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

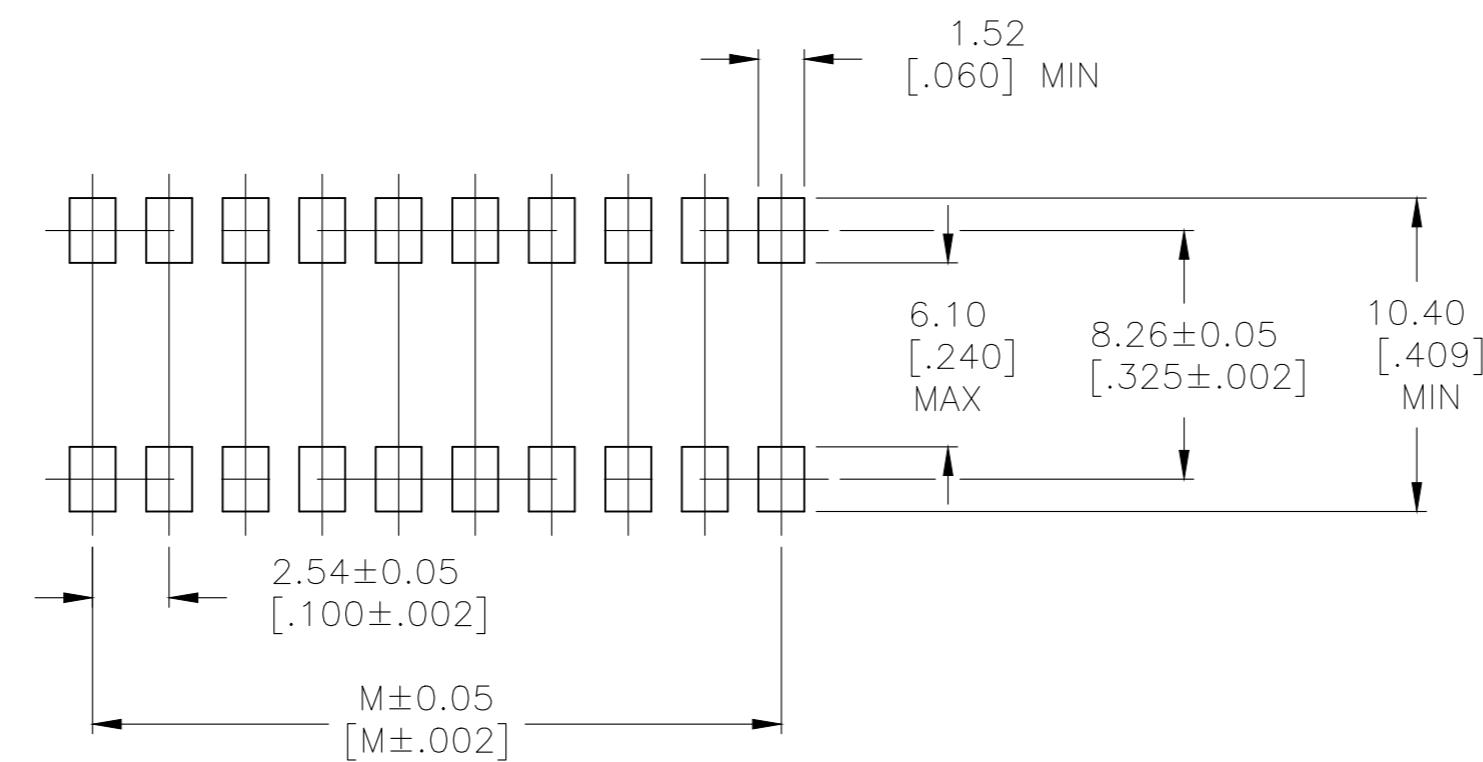
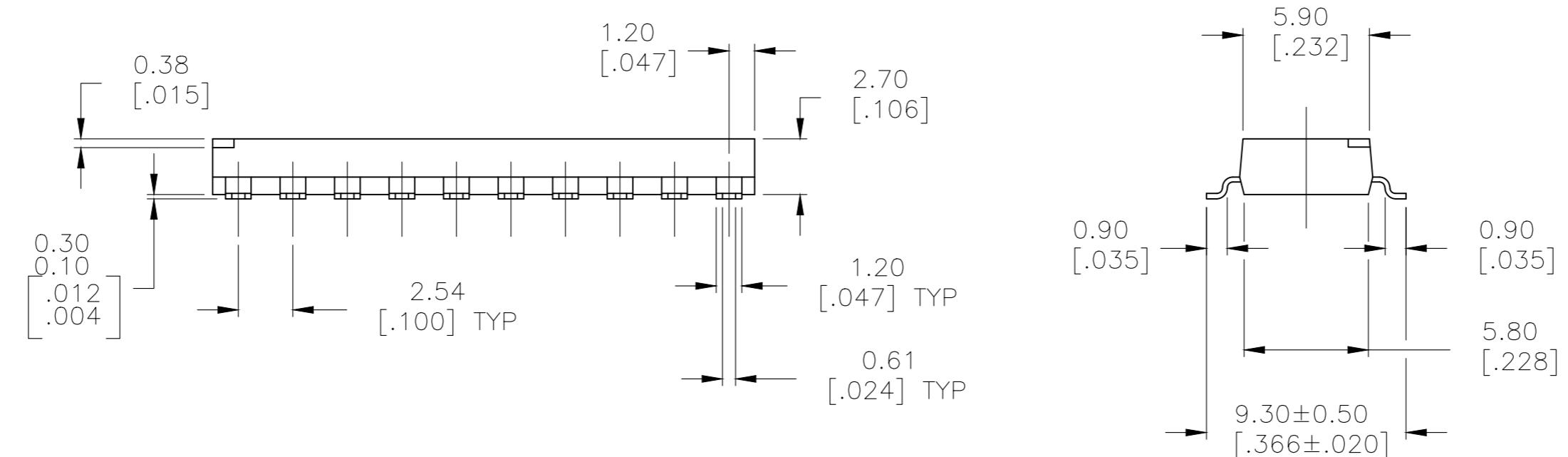
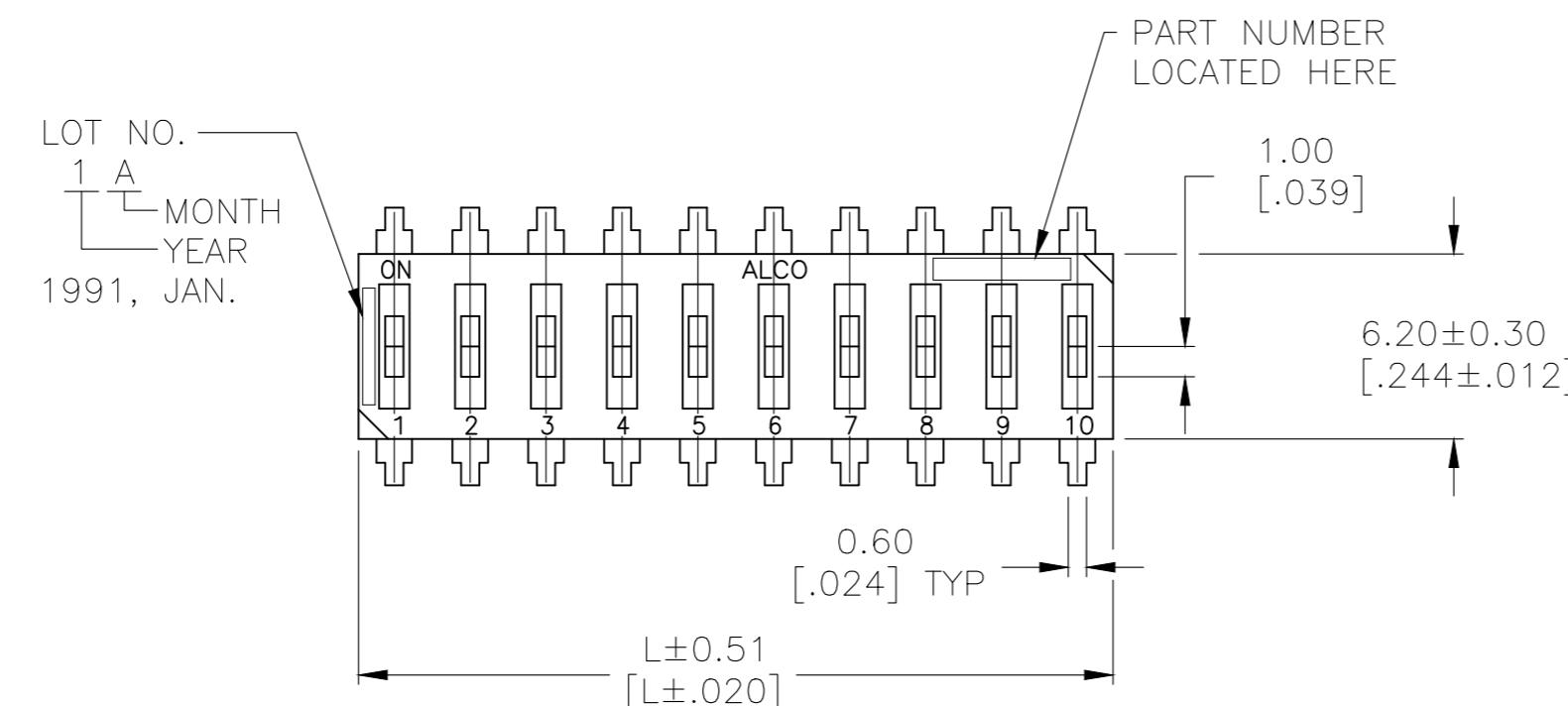
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DWN 03MAR05 B.S.VISWESWARA				
CHK -				
M.S.SARVER				
APVD -				
M.S.SARVER				
PRODUCT SPEC				
0 PLC ± -				
1 PLC ± -				
2 PLC ± 0.25[.010]				
3 PLC ± -				
4 PLC ± -				
ANGLES ± 1°				
APPLICATION SPEC				
MATERIAL -				
FINISH -				
WEIGHT -				
CUSTOMER DRAWING				
SIZE A2	CAGE CODE 00779	DRAWING NO C-1825006	RESTRICTED TO	-
REV R	1471-9 (1/15)	Downloaded from Arrow.com	SCALE 4:1	1 OF 2

**TE** TE Connectivity

DIP SWITCH ASSEMBLY  
GDS SERIES

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REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
	-	SEE SHEET 1	-	- - -



### SURFACE MOUNT PAD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA CHK M.S.SARVER APVD	03MAR05
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:		
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.25 [0.010] 3 PLC ± - 4 PLC ± - ANGLES ± 1°	PRODUCT SPEC	—
MATERIAL:	FINISH	APPLICATION SPEC	—
—	—	WEIGHT	—
CUSTOMER DRAWING		SCALE 4:1	REVISION R
A2 00779	C-1825006	—	—