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RELEASED FOR PUBLICATION

1825006 , 1825006

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REVISIONS

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

LOT NO.

1

A

MONTH

YEAR

1991, JAN.

ON

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ALCO

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10

1.00

[.039]

6.20±0.30

[.244±.012]

0.60

[.024]

L±0.51

[L±.020]

0.38

[.015]

1.20

[.047]

2.70

[.106]

4.30

[.169]

1.20

[.047] TYP

0.61

[.024]

2.54

[.100] TYP

0.79

[.031] STROKE

0.25

[.010]

8.15

[.321]

Ø0.80±0.05

[.031±.002]

TYP

7.60±0.05

[.299±.002]

2.54±0.05

[.100±.002]

TYP

M±0.05

[M±.002]

P.C.B. HOLE LAYOUT

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

OBSOLETE	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.

DIMENSIONS:  
mm [INCHES]

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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH -

DWN B.S.VISWESWARA  
CHK M.S.SARVER  
APVD M.S.SARVER  
PRODUCT SPEC  
APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

03MAR05  
-  
-  
-  
-

SIZE A2  
CAGE CODE 00779  
DRAWING NO C-1825006  
SCALE 4:1  
SHEET 1 OF 2  
REV R

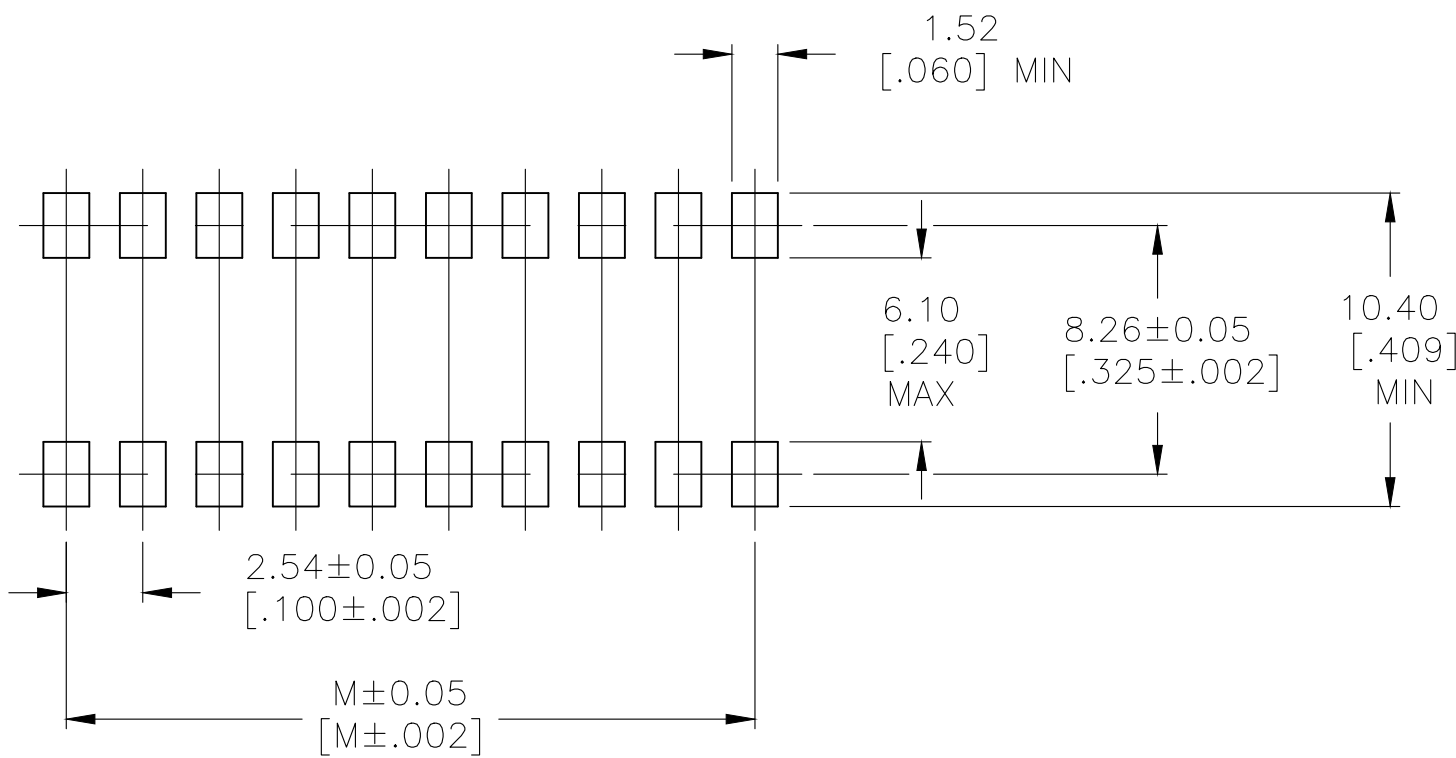
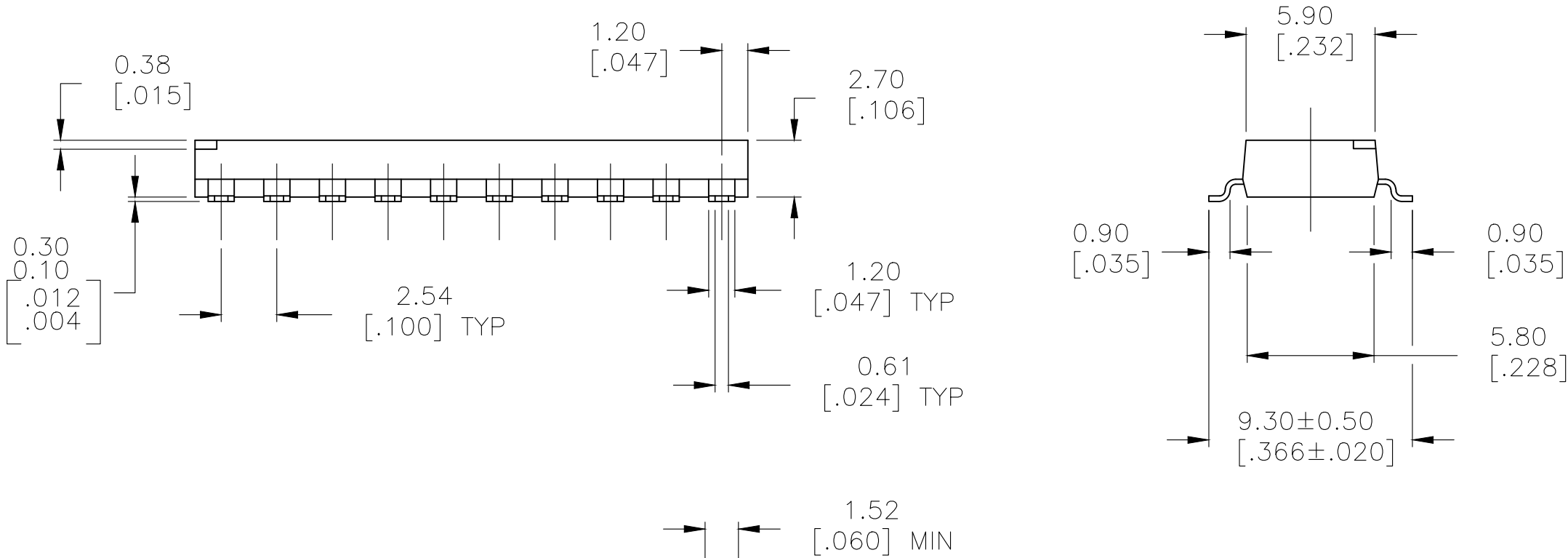
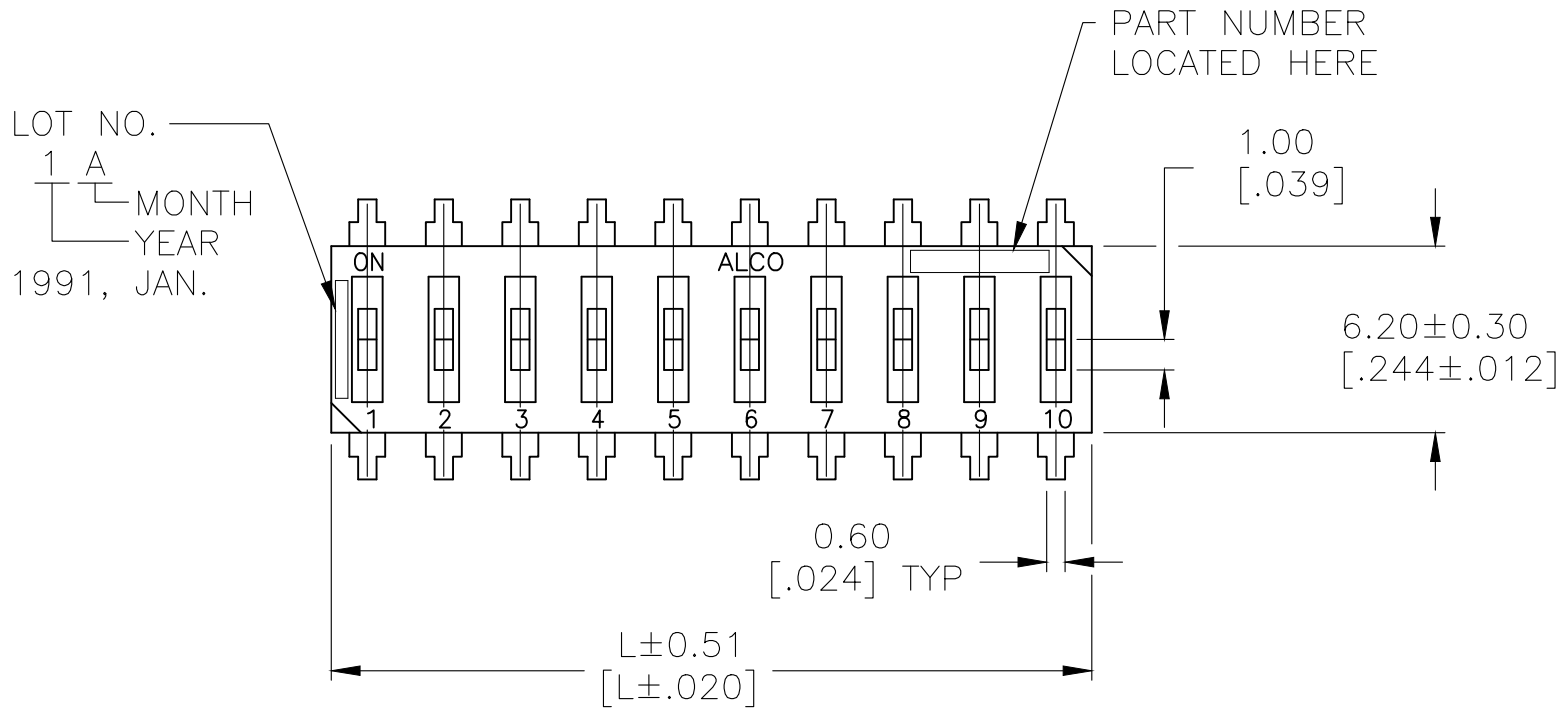
TE Connectivity

DIP SWITCH ASSEMBLY  
GDS SERIES

RESTRICTED TO -

1471-9 (1/15)

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 -	TE Connectivity	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC APPLICATION SPEC	NAME	DIP SWITCH ASSEMBLY GDS SERIES	
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± 1°	WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO 1825006
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE 4:1	SHEET 2 OF 2	REV R

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[GDS0204](#)