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RELEASED FOR PUBLICATION

1825006 , 1825006

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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	P	REVISED PER ECO-11-004820	11MAR11	RK	HMR

LOT NO.

1 A

MONTH

YEAR

1991, JAN.

ON

1

2

3

4

5

ALCO

6

7

8

9

10

PART NUMBER LOCATED HERE

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]

∅0.80±0.05
[.031±.002] TYP

2.54±0.05
[.100±.002] TYP

M±0.05
[M±.002]

7.60±0.05
[.299±.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

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
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
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
12.7[.500]	15.09[.594]	TAPE	SMT	6	GDS06S04	1-1825006-1
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
7.62[.300]	10.01[.394]	TAPE	SMT	4	GDS04S04	1825006-7
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
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°

MATERIAL -

FINISH -

DWN B.S.VISWESWARA 03MAR05

CHK M.S.SARVER

APVD M.S.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE

TE Connectivity

NAME

DIP SWITCH ASSEMBLY
GDS SERIES

SIZE A2

CAGE CODE 00779

DRAWING NO C=1825006

RESTRICTED TO -

SCALE 4:1

SHEET 1 OF 2

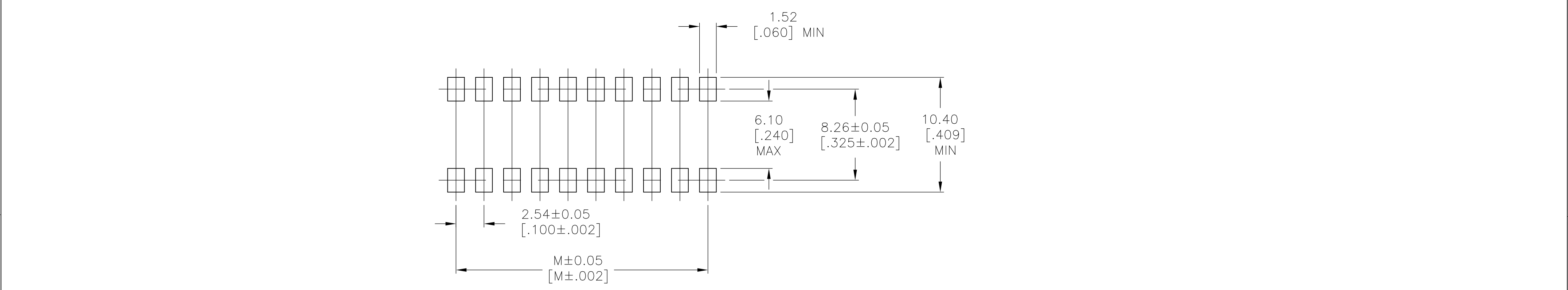
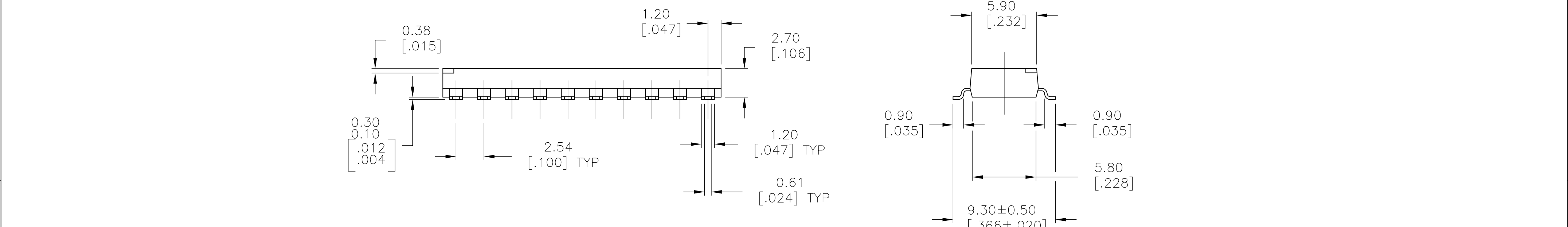
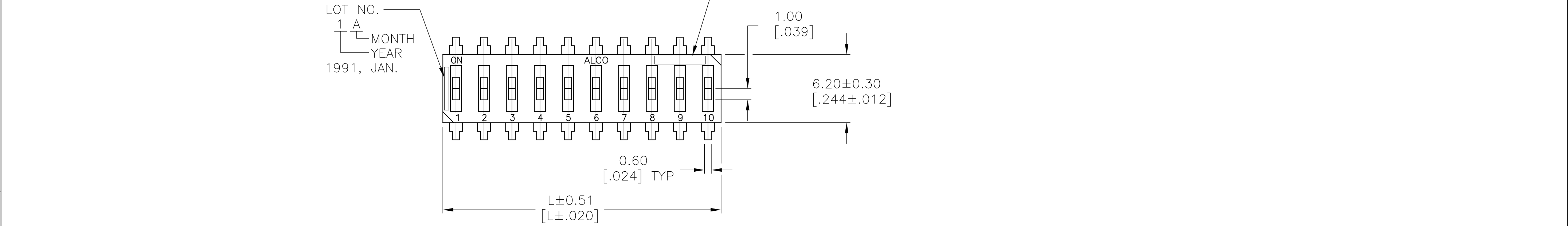
REV P

1825006

B

A

1471-9 (3/11)



SURFACE MOUNT PAD LAYOUT

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DWN
B.S.VISWESWARA
03MAR05

CHK
M.S.SARVER

APVD

TE Connectivity

DIP SWITCH ASSEMBLY
GDS SERIES

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL
-

FINISH
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825006

RESTRICTED TO
-

SCALE
4:1

SHEET
2 OF 2

REV
P