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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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4

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10

ALCO

1

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6

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9

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	OBSOLETE	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
4	OBSOLETE	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
4	OBSOLETE	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	OBSOLETE	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

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DWN

B.S.VISWESWARA

03MAR05

CHK

M.S.SARVER

-

APVD

M.S.SARVER

-

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

0 PLC

± -

1 PLC

± -

2 PLC

± 0.25[.010]

3 PLC

± -

4 PLC

± -

ANGLES

± 1°

MATERIAL

-

FINISH

-

TE

TE Connectivity

DIP SWITCH ASSEMBLY

GDS SERIES

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1825006

RESTRICTED TO

-

SCALE

4:1

SHEET

1 OF 2

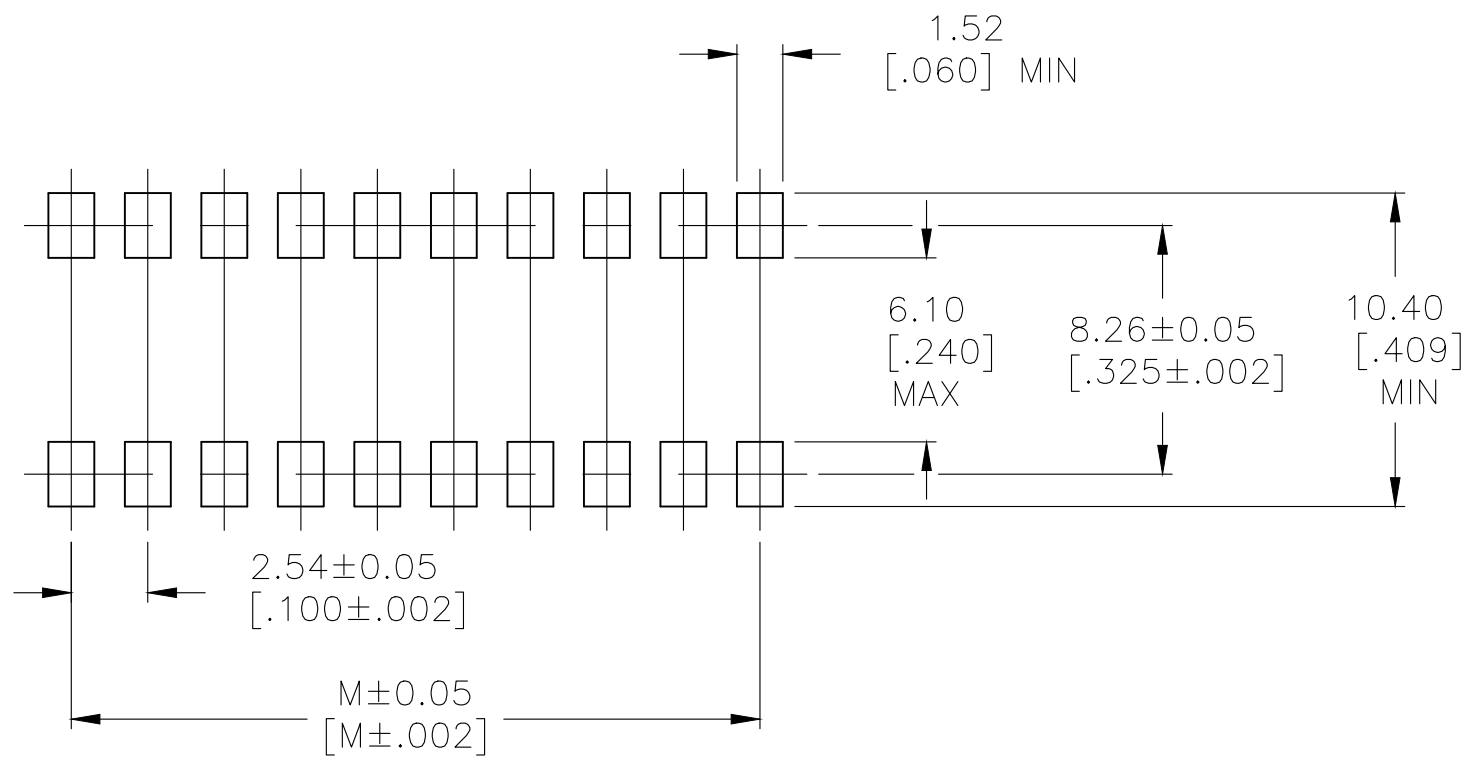
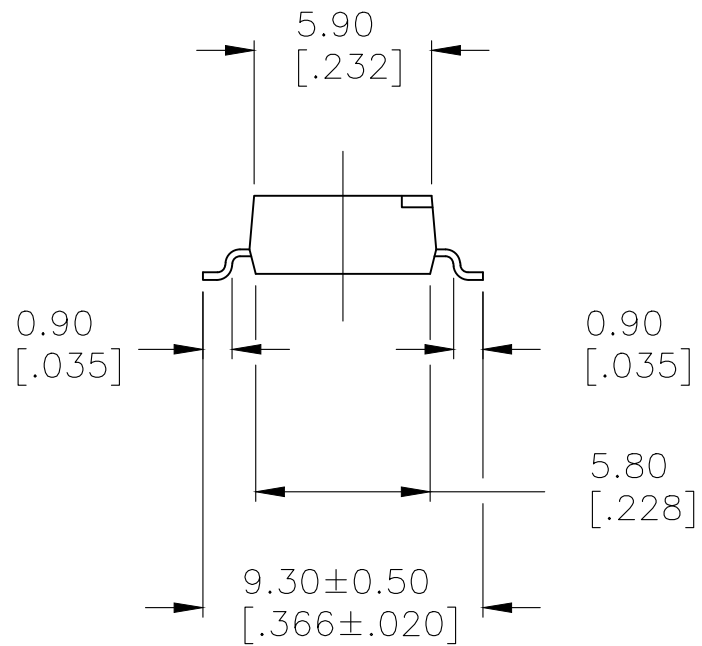
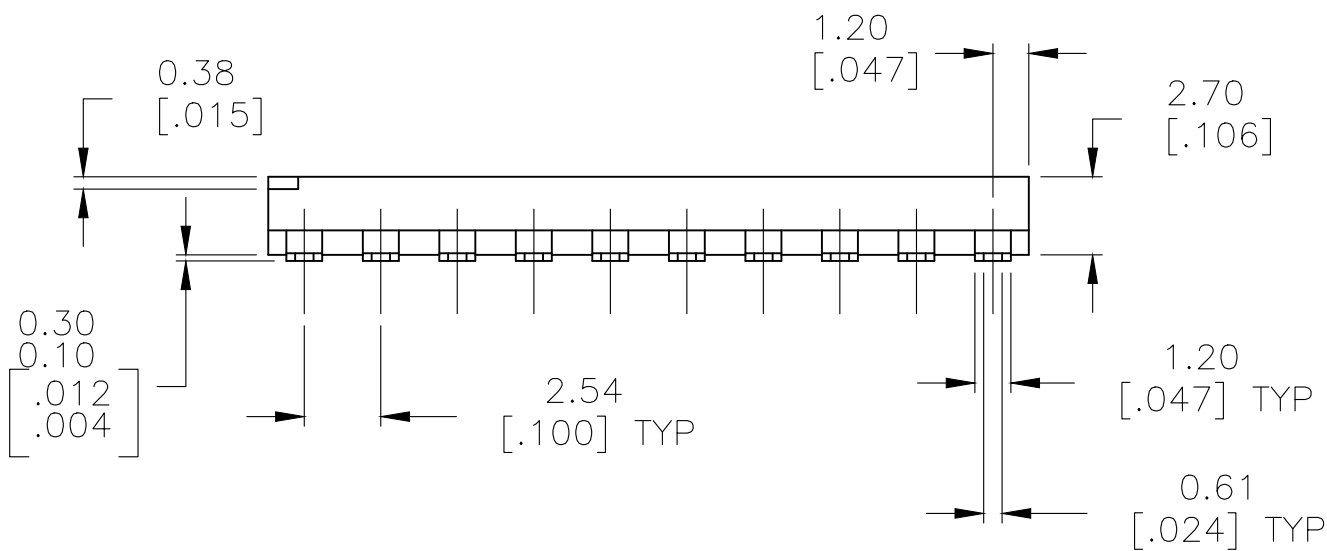
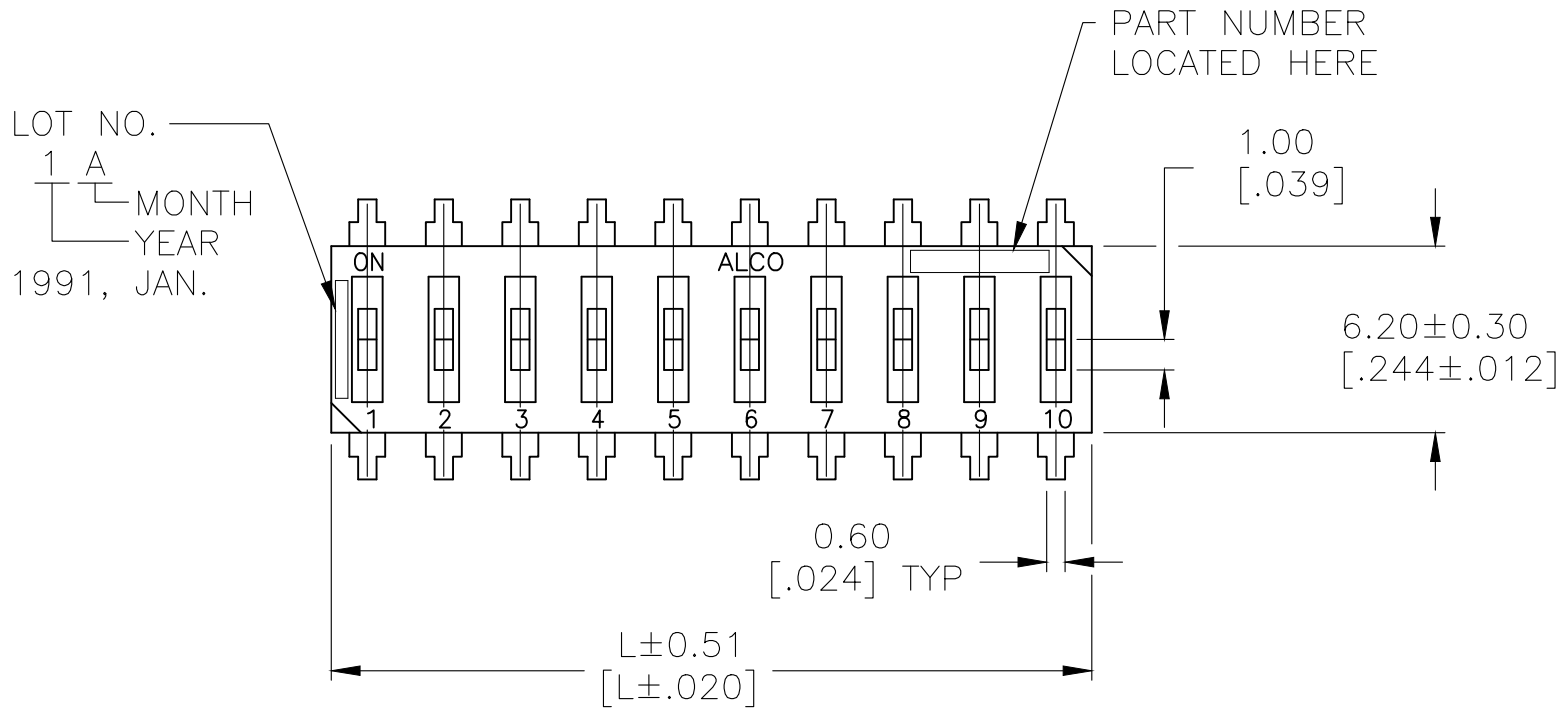
REV

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1471-9 (1/15)

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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 03MAR05	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M.S.SARVER				
		APVD -	NAME			
		PRODUCT SPEC	DIP SWITCH ASSEMBLY GDS SERIES			
		APPLICATION SPEC				
MATERIAL -		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO. 1825006	RESTRICTED TO -
FINISH -		CUSTOMER DRAWING	SCALE 4:1	SHEET 2 OF 2	REV R	