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1825006 , 1825006

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1825006

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LOC

DIST

AD

00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	01	ECO 06 018279	21NOV06	BSV	MS
	02	REVISED PER ECO-10-000444	19JAN10	KK	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:
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

LOT NO.

1 A

MONTH

YEAR

1991, JAN.

ON

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2

3

4

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ALCO

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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

7.60±0.05
[.299±.002]

2.54±0.05
[.100±.002] TYP

M±0.05
[M±.002]

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
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	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.25[.010]
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

MATERIAL

FINISH

DWN
B.S.VISWESWARA

CHK
M.S.SARVER

APVD
M.S.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DWN
B.S.VISWESWARA

CHK
M.S.SARVER

APVD
M.S.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105-3608

NAME

DIP SWITCH ASSEMBLY

GDS SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1825006

SCALE

4:1

SHEET

1

OF

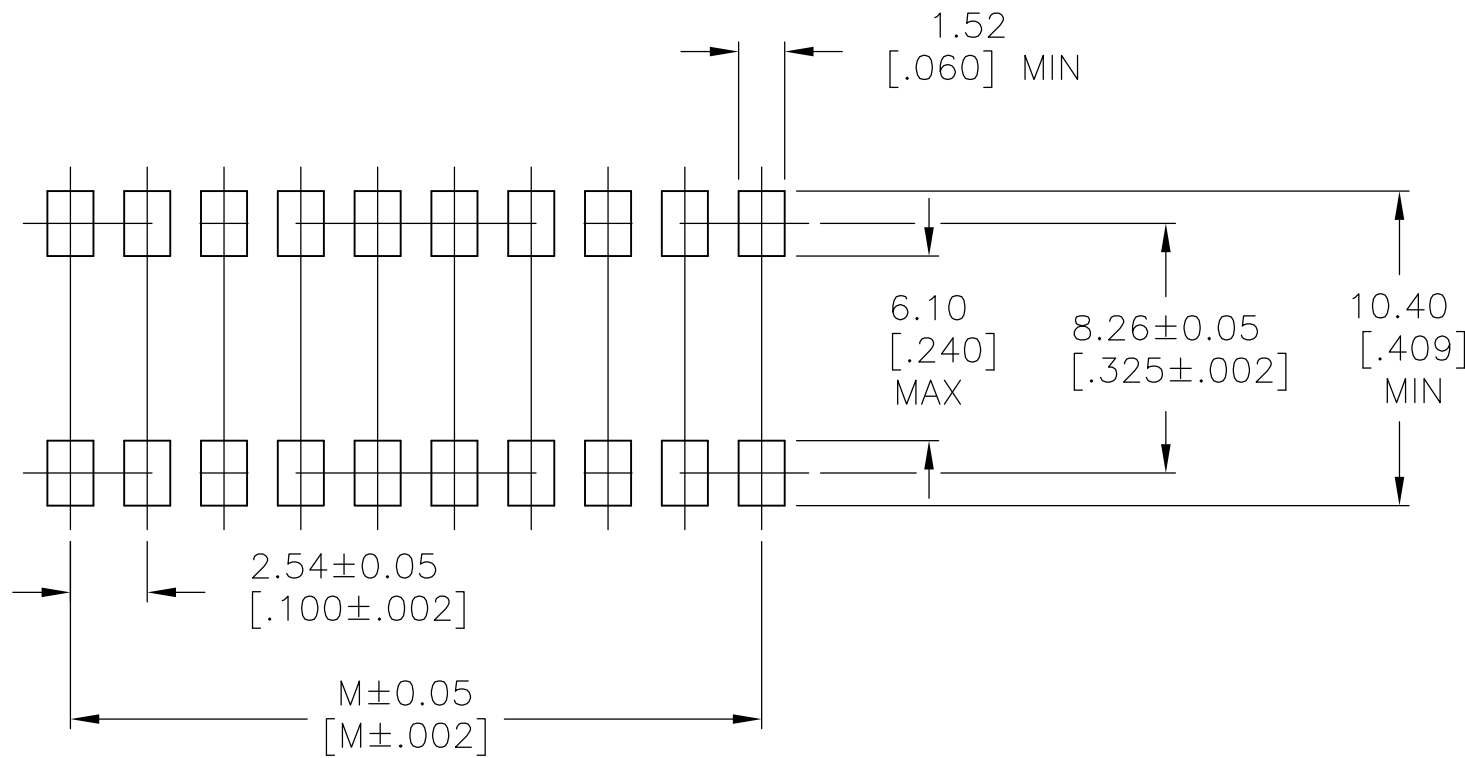
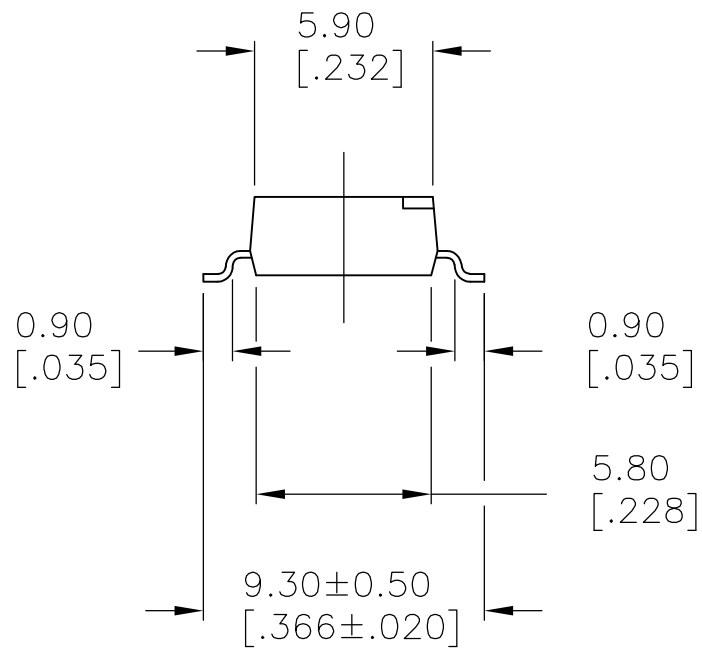
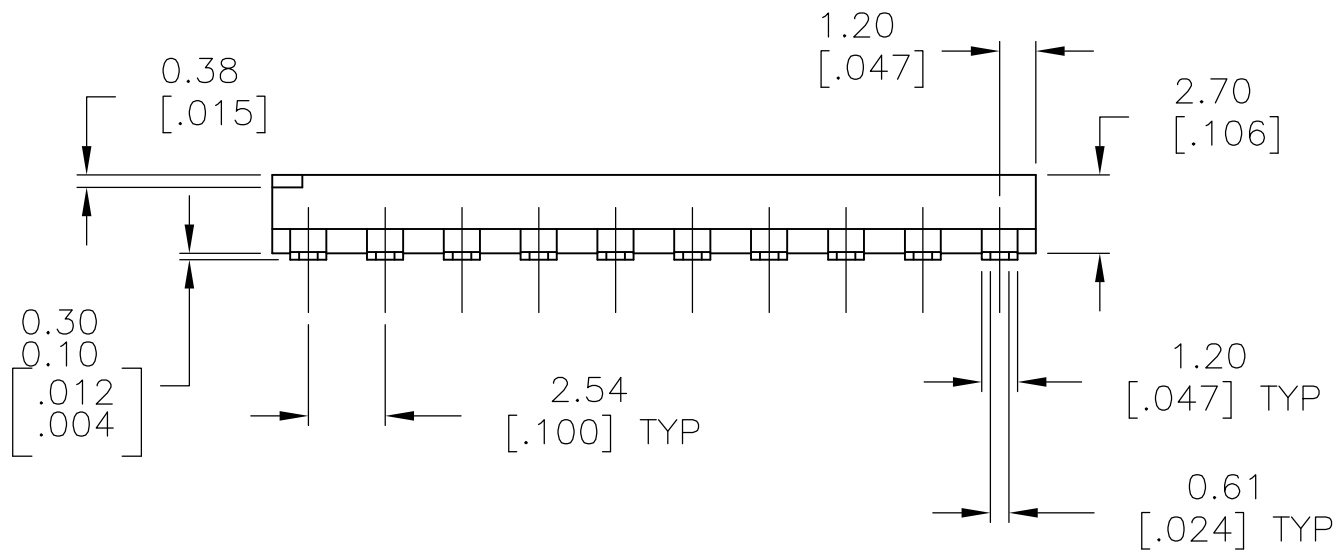
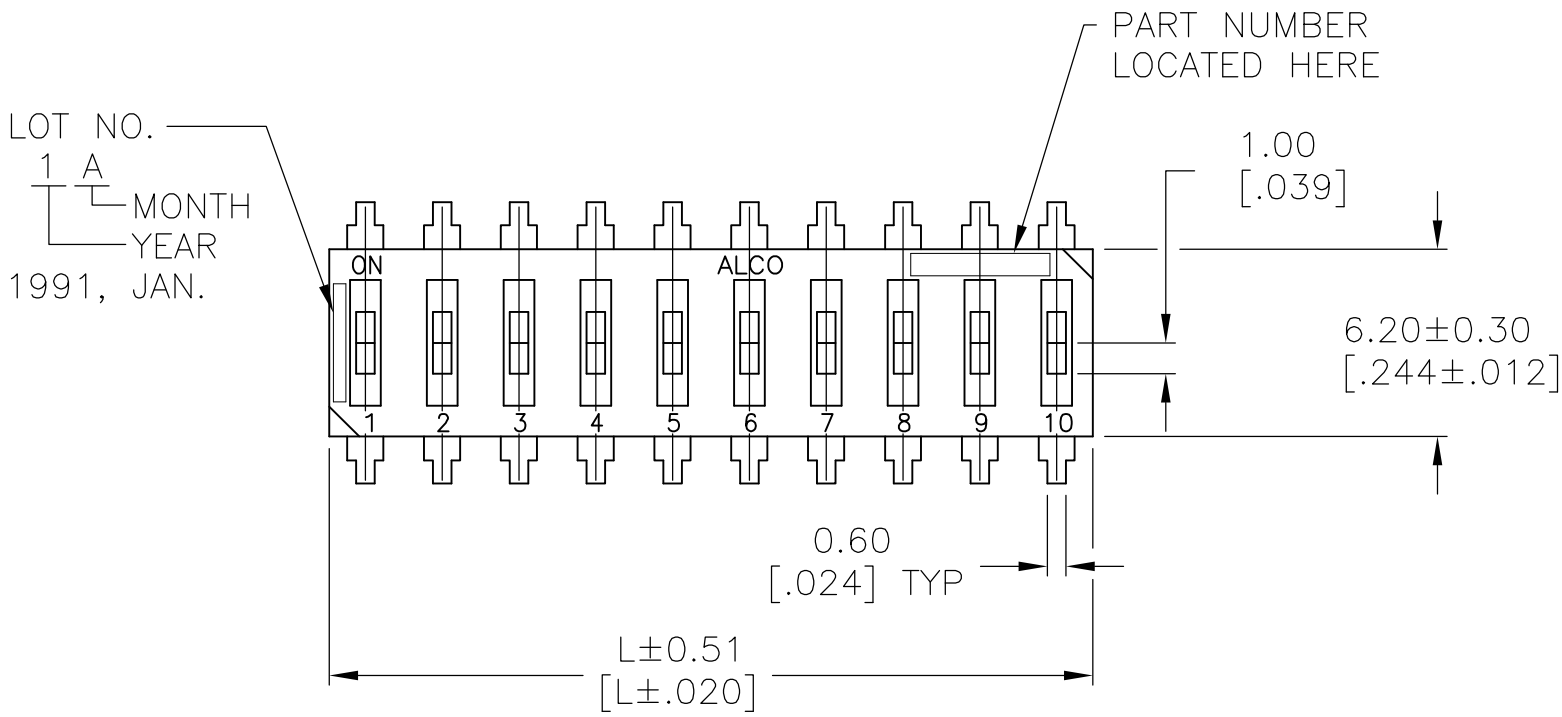
2

REV

02

AMP 1471-9 REV 31MAR2000

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
		—	—	SEE SHEET 1	—	—



SURFACE MOUNT PAD LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA 03MAR05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: mm [INCHES]		CHK M.S.SARVER				
		APVD —	NAME DIP SWITCH ASSEMBLY GDS SERIES			
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± 0.25[.010] 3 PLC ± — 4 PLC ± — ANGLES ± 1°	PRODUCT SPEC —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1825006
MATERIAL —		FINISH —	APPLICATION SPEC —	WEIGHT —	RESTRICTED TO —	
CUSTOMER DRAWING			SCALE 4:1	SHEET 2	OF 2	REV 02