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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.

PART NUMBER LOCATED HERE

1.00
[.039]

6.20±0.30
[.244±.012]

0.60
[.024]

L±0.51
[L±.020]

ON

ALCO

1

2

3

4

5

6

7

8

9

10

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°
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
A2

CAGE CODE
00779

DRAWING NO
C=1825006

RESTRICTED TO
-

SCALE
4:1

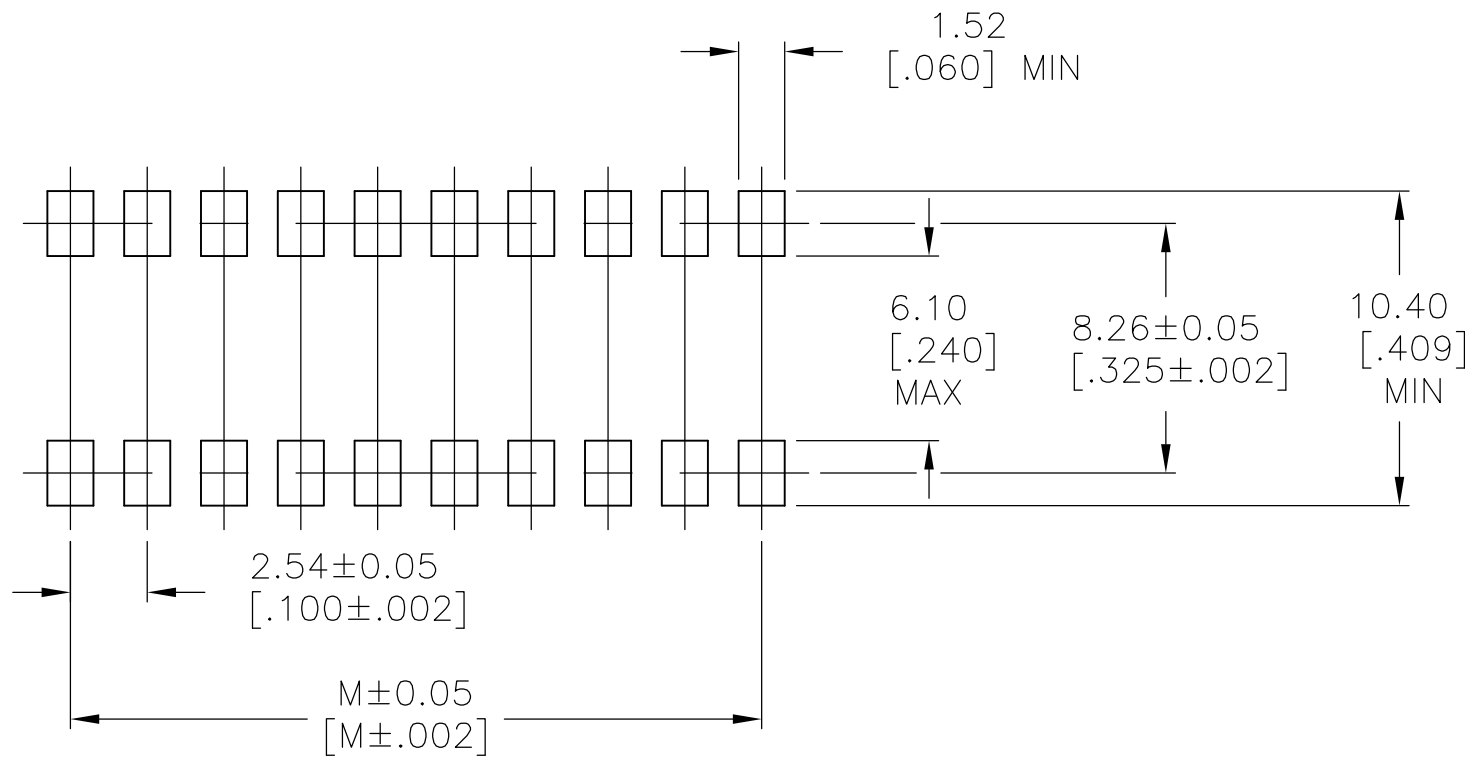
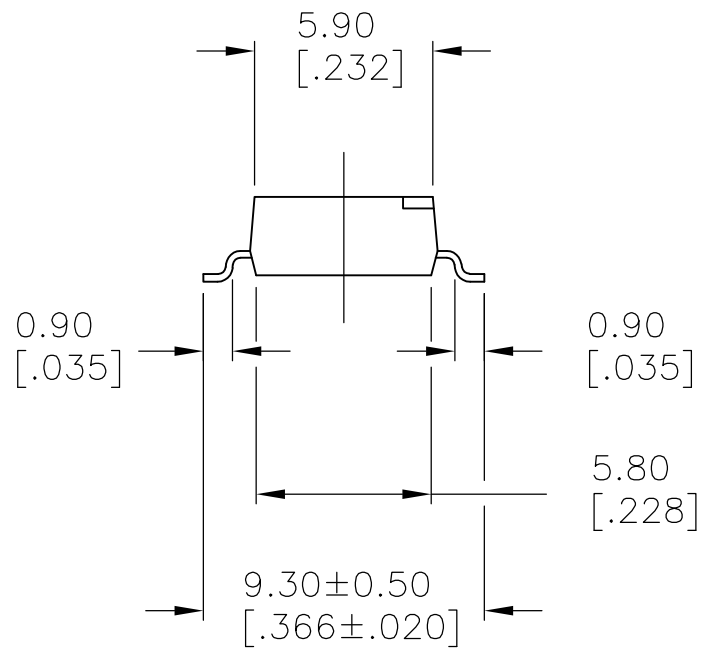
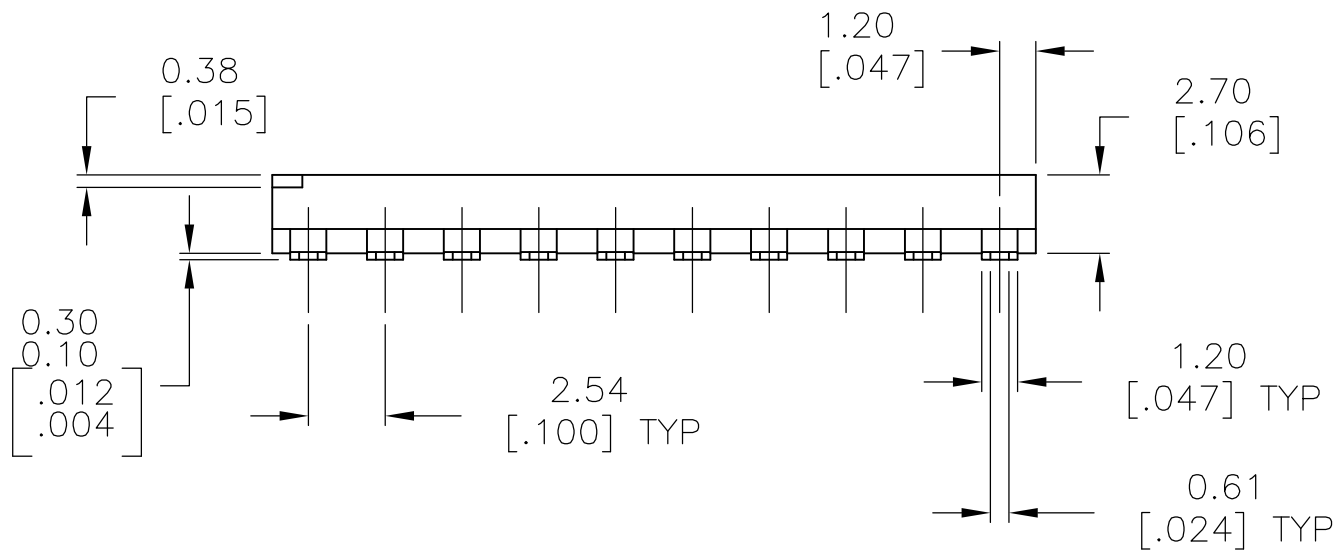
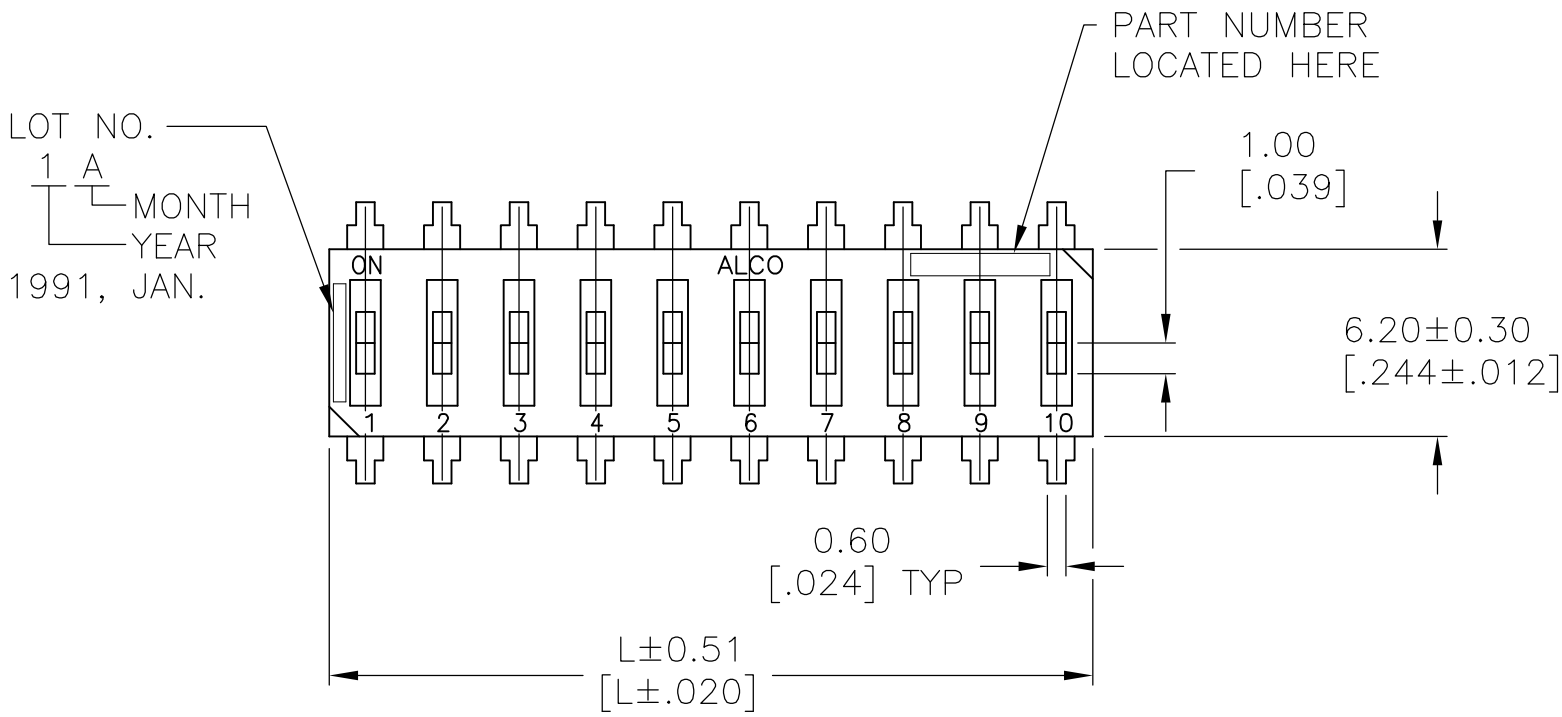
SHEET
1

OF
2

REV
02

AMP 1471-9 REV 31MAR2000

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	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	—	NAME DIP SWITCH ASSEMBLY GDS SERIES			
		APVD —	—				
		PRODUCT SPEC —					
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± 0.25[.010] 3 PLC ± — 4 PLC ± — ANGLES ± 1°		APPLICATION SPEC —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1825006	RESTRICTED TO —
MATERIAL —		FINISH —		WEIGHT —			
CUSTOMER DRAWING				SCALE 4:1		SHEET 2 OF 2	REV 02