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1571998 , 1571998

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LOC

DIST

AD

00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	REVISED PER ECO-09-011017	08MAY09	HMR	MW
	A4	REVISED PER ECO-10-000443	18JAN10	KK	HMR

ALCO

PART NO. LOCATED HERE

LOT NO.

1 B MONTH

YEAR 1991.2

DIM M

DIM L±.020

CROSS SECTION

1.20
[.047]
TYP

1.30
[.051]

1.75
[.069]

0.60
[.024]
TYP

2.54
[.100]
TYP

3.56
[.140]

7.70
[.303]

10

9

8

7

6

5

4

3

2

1

ON

EPOXY

9.60±0.30
[.378±.012]

0.25
[.010]
TYP

7.62±0.30
[.300±.012]

DIM M

2.54
[.100]
TYP

7.60
[.299]

ø0.79
[ø.031]

RECOMMENDED BOARD LAYOUT

THRU HOLE VERSION

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: 600 GRAMS MAX

ENVIRONMENTAL:

OPERATING TEMPERATURE: -30°C TO +85°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

1 FOR P/N TABLE & SURFACE MOUNT DETAILS SEE SHEET 2

2 TAPE AND REEL PACKAGING PER EIA 481 - PART NO.S GDSXXSTR.

3 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

4 SWITCH TO BE RECEIVED IN THE "ON" POSITION.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R BROWN 04JAN06

CHK M SARVER 04JAN06

APVD M SARVER 04JAN06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .030 (.012)

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

SHEET

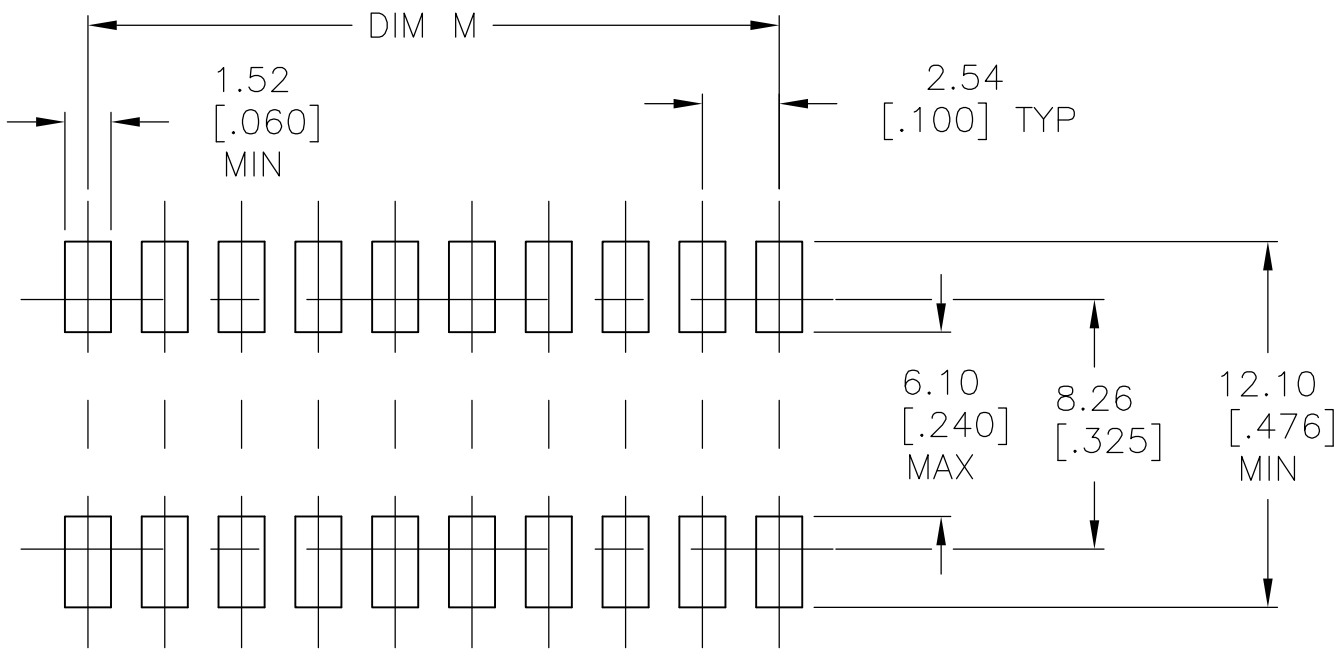
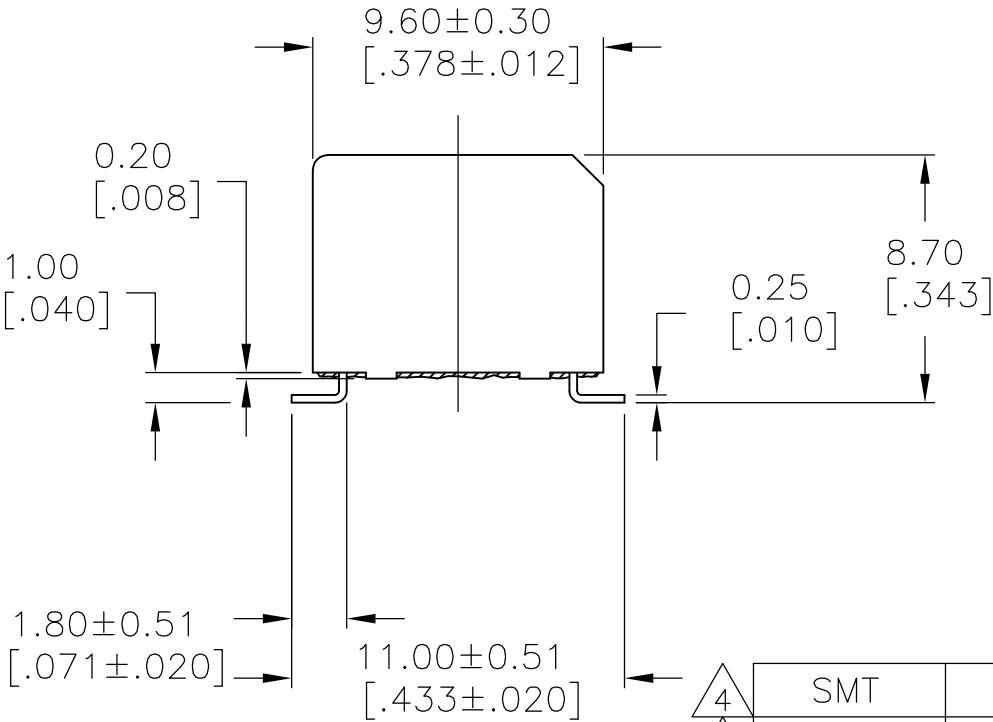
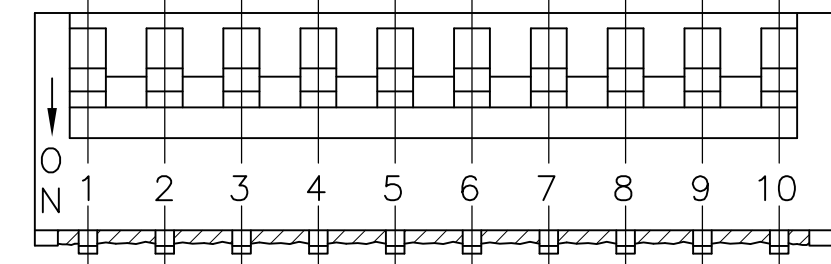
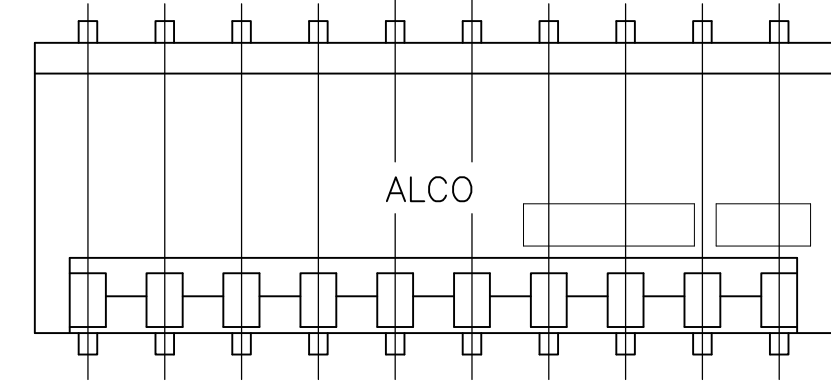
REV

1471-9 (1/08)

1571998

1

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



RECOMMENDED BOARD LAYOUT
BOARD LAYOUT TOLERANCE
±.002 FOR ALL DIMENSIONS

SURFACE MOUNT VERSION

4	SMT	TAPE	7.62 [.300]	11.13 [.438]	4	GDP04STRON04	2-1571998-2
4	SMT	TAPE	17.78 [.700]	21.29 [.838]	8	GDP08STRON04	2-1571998-1
5	OBSOLETE	SMT	22.86 [.900]	26.37 [1.038]	10	GDP10STR04	2-1571998-0
5	OBSOLETE	SMT	22.86 [.900]	26.37 [1.038]	10	GDP10S04	1-1571998-9
5	OBSOLETE	T/H	NONE	22.86 [.900]	10	GDP10NTS04	1-1571998-8
5	OBSOLETE	T/H	TAPE	22.86 [.900]	10	GDP1004	1-1571998-7
5	OBSOLETE	SMT	17.78 [.700]	21.29 [.838]	8	GDP08STR04	1-1571998-6
5	OBSOLETE	SMT	17.78 [.700]	21.29 [.838]	8	GDP08S04	1-1571998-5
5	OBSOLETE	T/H	NONE	17.78 [.700]	8	GDP08NTS04	1-1571998-4
5	OBSOLETE	T/H	TAPE	17.78 [.700]	8	GDP0804	1-1571998-3
5	OBSOLETE	SMT	12.70 [.500]	16.21 [.638]	6	GDP06STR04	1-1571998-2
5	OBSOLETE	SMT	12.70 [.500]	16.21 [.638]	6	GDP06S04	1-1571998-1
5	OBSOLETE	T/H	NONE	12.70 [.500]	6	GDP06NTS04	1-1571998-0
5	OBSOLETE	T/H	TAPE	12.70 [.500]	6	GDP0604	1571998-9
5	OBSOLETE	SMT	7.62 [.300]	11.13 [.438]	4	GDP04STR04	1571998-8
5	OBSOLETE	SMT	7.62 [.300]	11.13 [.438]	4	GDP04S04	1571998-7
5	OBSOLETE	T/H	NONE	7.62 [.300]	4	GDP04NTS04	1571998-6
5	OBSOLETE	T/H	TAPE	7.62 [.300]	4	GDP0404	1571998-5
5	OBSOLETE	SMT	2.54 [.100]	6.05 [.238]	2	GDP02STR04	1571998-4
5	OBSOLETE	SMT	2.54 [.100]	6.05 [.238]	2	GDP02S04	1571998-3
5	OBSOLETE	T/H	NONE	2.54 [.100]	2	GDP02NTS04	1571998-2
5	OBSOLETE	T/H	TAPE	2.54 [.100]	2	GDP0204	1571998-1
	MTG	SEAL	DIM M	DIM L	POLE	OLD T&B P/N	TE P/N

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DIMENSIONS:
mm [INCHES]

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .030 (.012)
4 PLC ± -
ANGLES ± -
FINISH -

MATERIAL

-

DWN
R BROWN
04JAN06

CHK
M SARVER
04JAN06

APVD
M SARVER
04JAN06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME

DIP SWITCH ASSEMBLY
GDP SERIES

SIZE
A2

CAGE CODE
-

DRAWING NO
1571998

RESTRICTED TO
-

SCALE
4:1

SHEET
2 of 2

REV
A4