

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A5	REVISED PER ECO-11-004820	11MAR11	RK	HMR

D

C

B

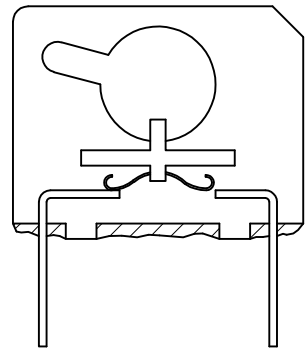
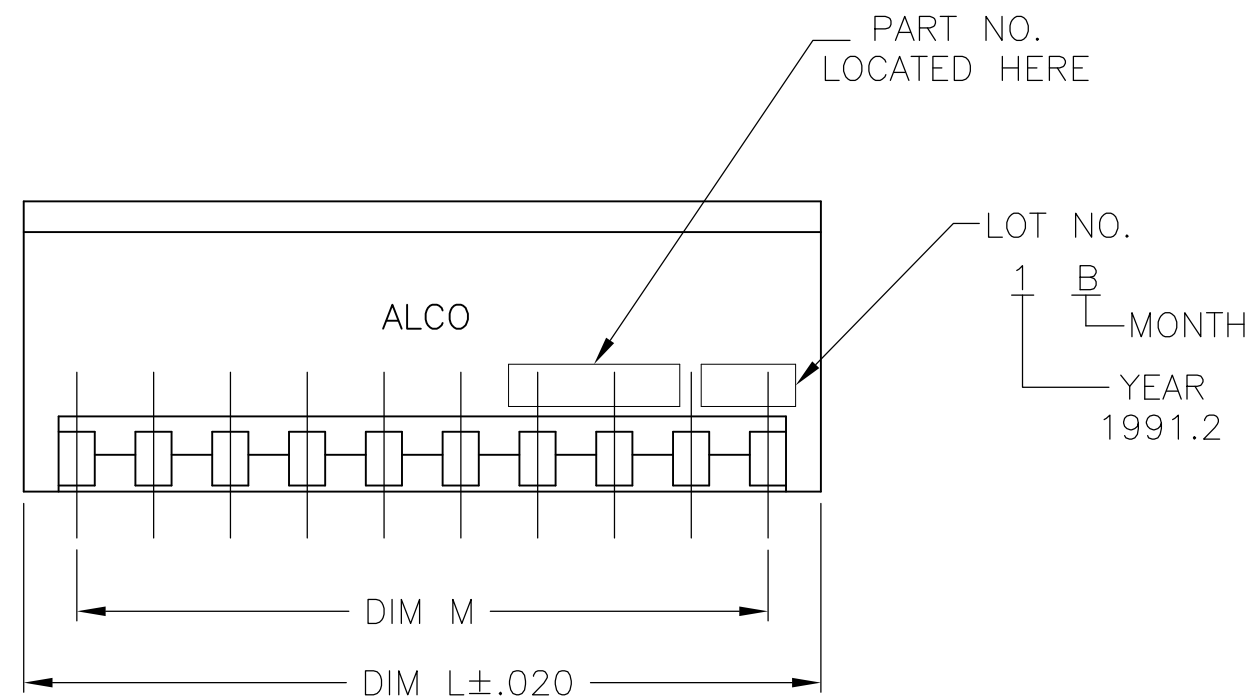
A

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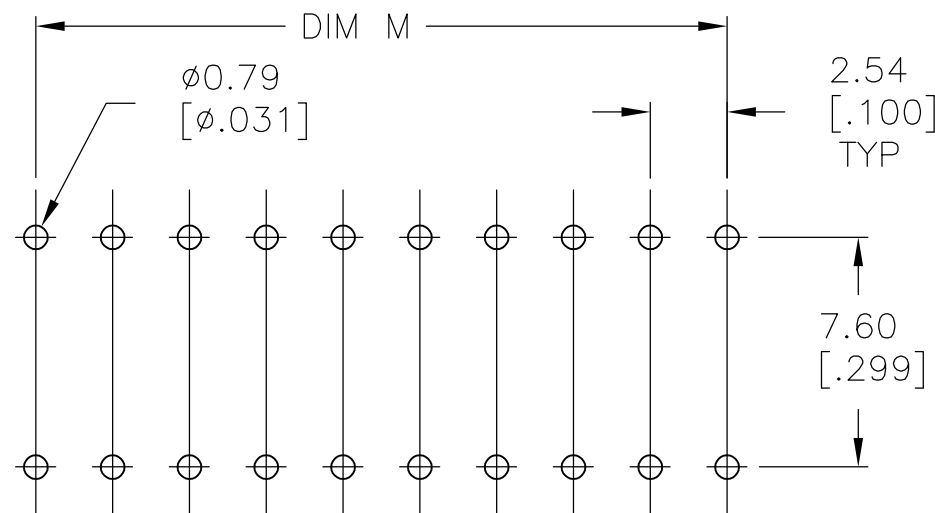
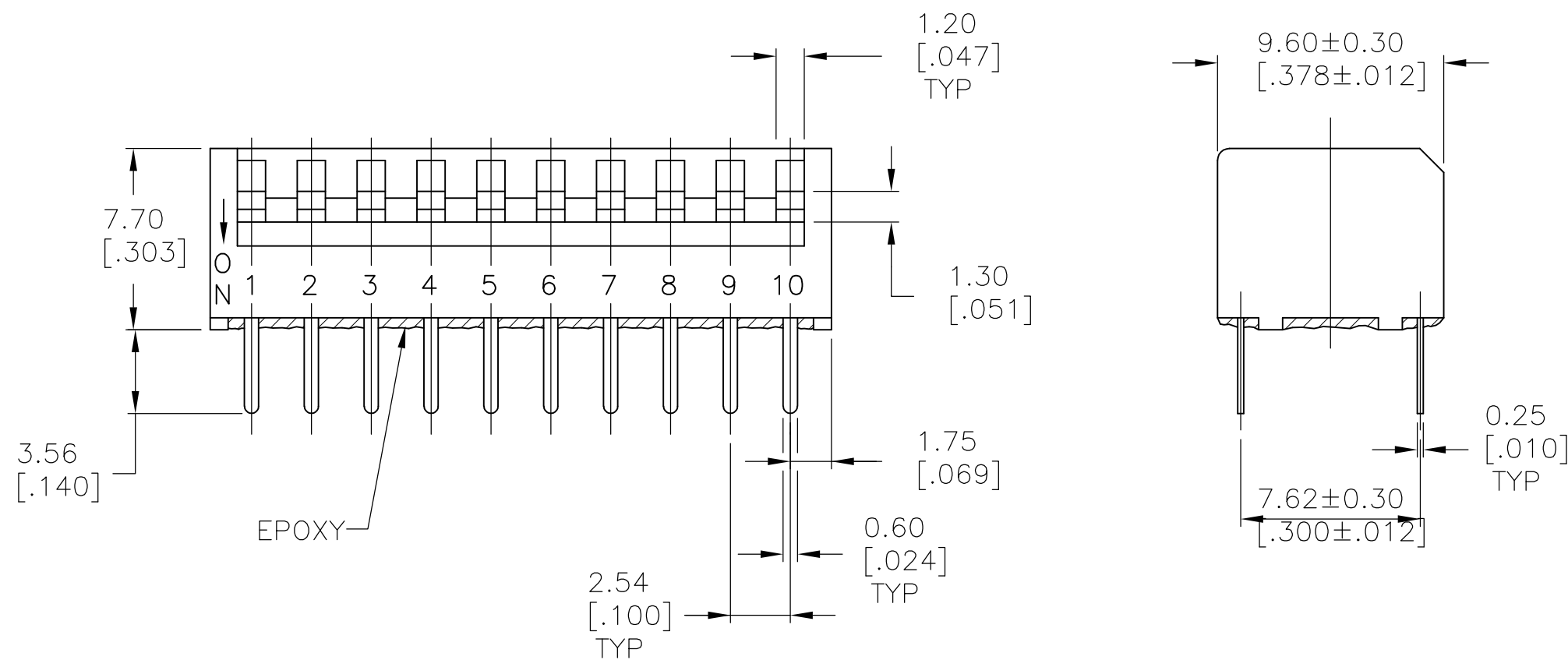
C

B

A



CROSS SECTION



RECOMMENDED BOARD LAYOUT

THRU HOLE VERSION

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: 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

- FOR P/N TABLE & SURFACE MOUNT DETAILS SEE SHEET 2
 - TAPE AND REEL PACKAGING PER EIA 481 - PART NO.S GDSXXSTR.
 - 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

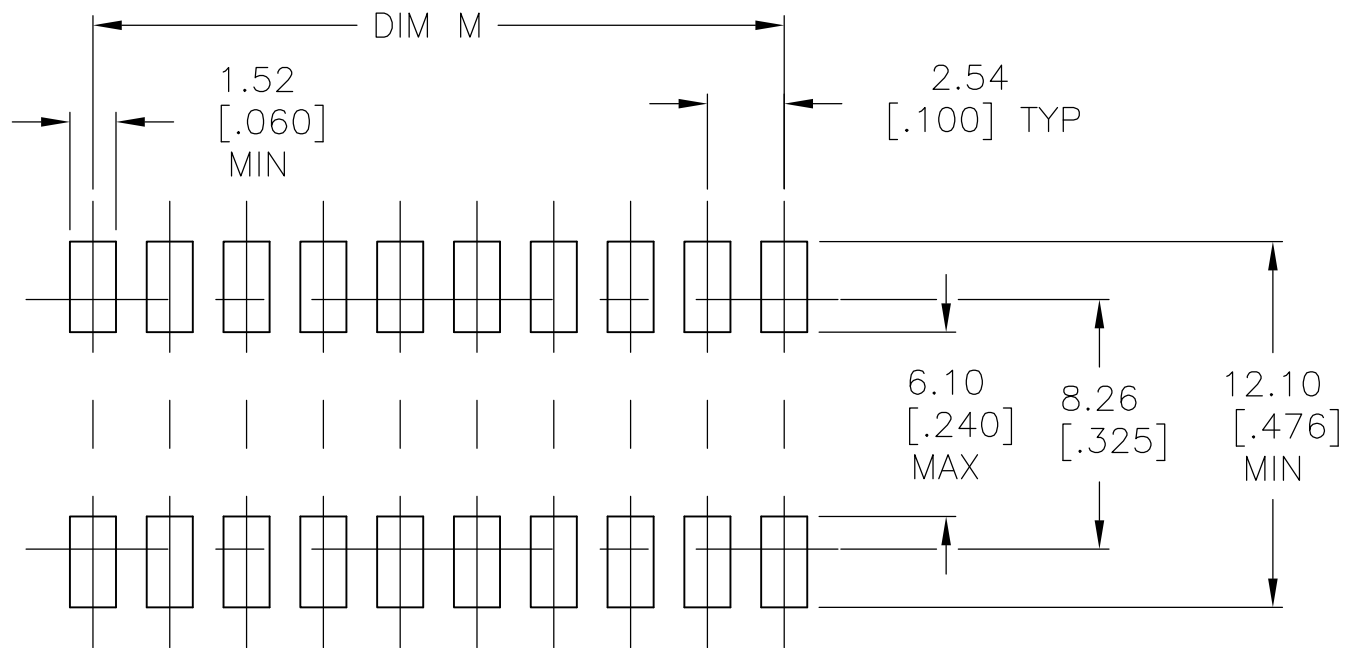
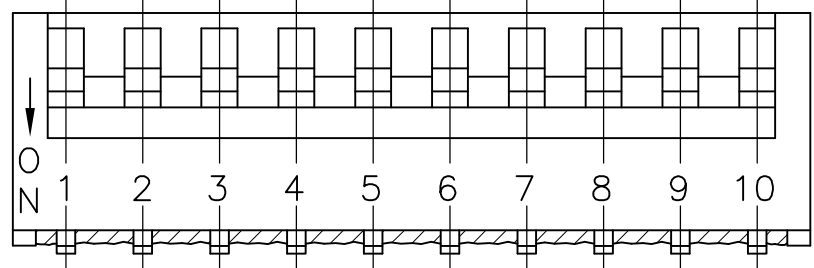
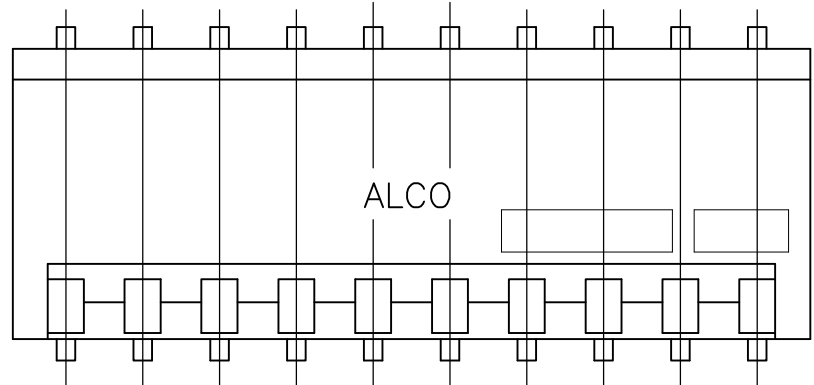
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 04JAN06	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M SARVER 04JAN06				
		APVD M SARVER 04JAN06	NAME			
		PRODUCT SPEC	DIP SWITCH ASSEMBLY GDP SERIES			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE A2		CAGE CODE -	DRAWING NO C=1571998
MATERIAL -		WEIGHT -	SCALE 4:1		SHEET 1 OF 2	REV A5
FINISH -		CUSTOMER DRAWING	RESTRICTED TO -			

D

C

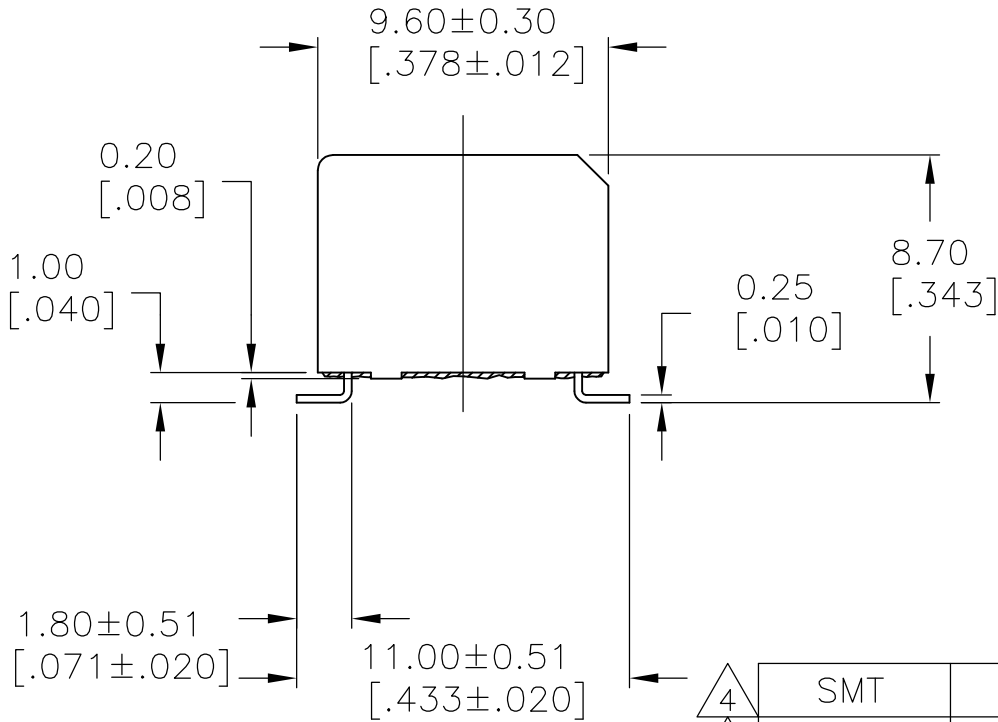
B

A



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
	SMT	TAPE	22.86 [.900]	26.37 [1.038]	10	GDP10S04	1-1571998-9
5	OBSOLETE	T/H	22.86 [.900]	26.37 [1.038]	10	GDP10NTS04	1-1571998-8
5	OBSOLETE	T/H	22.86 [.900]	26.37 [1.038]	10	GDP1004	1-1571998-7
	SMT	TAPE	17.78 [.700]	21.29 [.838]	8	GDP08STR04	1-1571998-6
	SMT	TAPE	17.78 [.700]	21.29 [.838]	8	GDP08S04	1-1571998-5
5	OBSOLETE	T/H	17.78 [.700]	21.29 [.838]	8	GDP08NTS04	1-1571998-4
	T/H	TAPE	17.78 [.700]	21.29 [.838]	8	GDP0804	1-1571998-3
	SMT	TAPE	12.70 [.500]	16.21 [.638]	6	GDP06STR04	1-1571998-2
	SMT	TAPE	12.70 [.500]	16.21 [.638]	6	GDP06S04	1-1571998-1
5	OBSOLETE	T/H	12.70 [.500]	16.21 [.638]	6	GDP06NTS04	1-1571998-0
	T/H	TAPE	12.70 [.500]	16.21 [.638]	6	GDP0604	1571998-9
	SMT	TAPE	7.62 [.300]	11.13 [.438]	4	GDP04STR04	1571998-8
	SMT	TAPE	7.62 [.300]	11.13 [.438]	4	GDP04S04	1571998-7
5	OBSOLETE	T/H	7.62 [.300]	11.13 [.438]	4	GDP04NTS04	1571998-6
	T/H	TAPE	7.62 [.300]	11.13 [.438]	4	GDP0404	1571998-5
	SMT	TAPE	2.54 [.100]	6.05 [.238]	2	GDP02STR04	1571998-4
	SMT	TAPE	2.54 [.100]	6.05 [.238]	2	GDP02S04	1571998-3
5	OBSOLETE	T/H	2.54 [.100]	6.05 [.238]	2	GDP02NTS04	1571998-2
	T/H	TAPE	2.54 [.100]	6.05 [.238]	2	GDP0204	1571998-1
	MTG	SEAL	DIM M	DIM L	POLE	OLD T&B P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN R BROWN 04JAN06
CHK M SARVER 04JAN06
APVD M SARVER 04JAN06
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

DIP SWITCH ASSEMBLY
GDP SERIES

SIZE A2
CAGE CODE -
DRAWING NO 1571998
SCALE 4:1

RESTRICTED TO
REV A5

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[GDP04STR04](#) [GDP08STR04](#) [GDP0604](#) [GDP0404](#) [GDP0204](#) [GDP0804](#) [GDP02S04](#) [GDP04S04](#) [GDP08S04](#)