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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E	REV 0G3C-0195-03	14MAY03	RB	MS

SPECIFICATIONS:

MATERIAL:

CASE: POLYESTER 94V-0

** PPS FOR SURFACE MOUNT VERSIONS ONLY

COVER: POLYESTER 94V-0

** PPS FOR SURFACE MOUNT VERSIONS ONLY

ACTUATOR: POLYESTER 94V-0

** NYLON FOR SURFACE MOUNT VERSIONS ONLY.

MOVING CONTACT: COPPER ALLOY, GOLD FLASH OVER NICKEL.

MOVING CONTACT: COPPER ALLOY, GOLD PLAST OVER NICKEL.
FIXED CONTACT: COPPER ALLOY, TIN LEAD PLATE OVER COPPER.

TERMINALS: COPPER ALLOY, TIN LEAD PLATE OVER COPPER.

ELECTRICAL:

CONTACT RATING: 0.4 VA MAX. @ 20 VDC OR PEAK AC.

INITIAL CONTACT RESISTANCE: 50 MILLIOHMS MAX.

INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.

DIELECTRIC STRENGTH: 500 VAC.

MECHANICAL:

ACTUATION FORCE: 800g MAX.

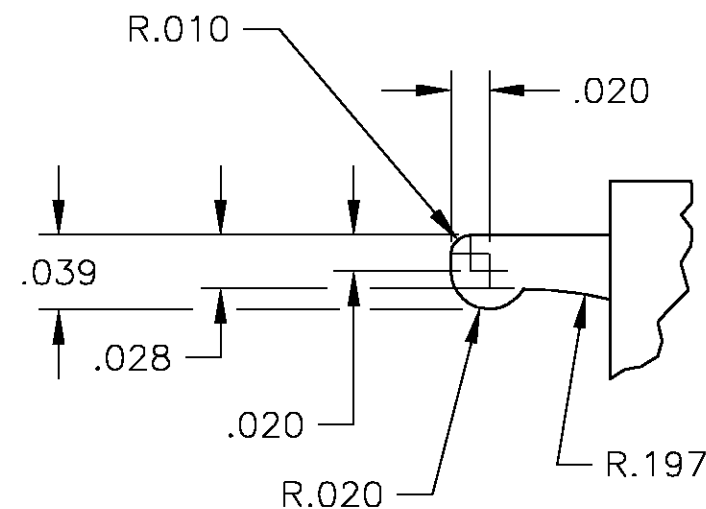
ENVIRONMENTAL:

OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).

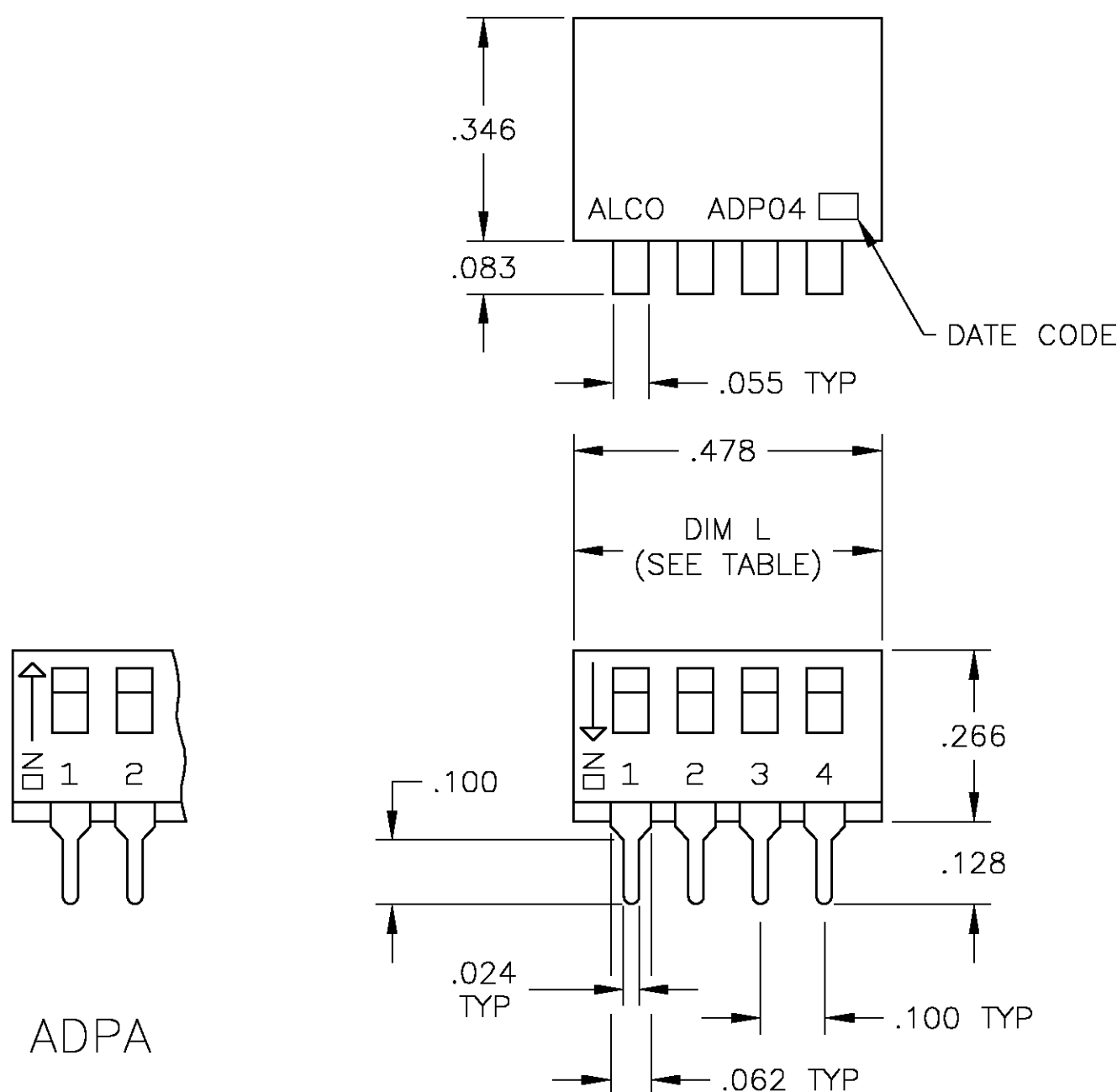
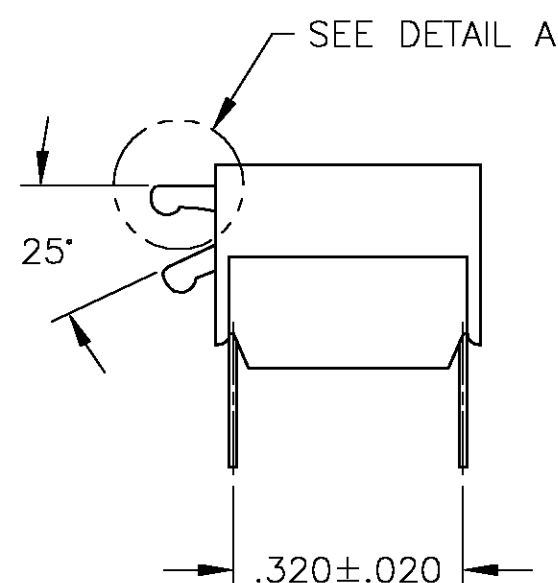
STORAGE TEMPERATURE: -49°F TO $+212^{\circ}\text{F}$ (-45°C TO $+100^{\circ}\text{C}$).

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. * ODD NUMBER TERMINALS AVAILABLE ON SPECIAL REQUEST.
3. SOLDER HEAT RESISTANCE: PER EIA-364-56
FOR WAVE SOLDERING: TEST PROCEDURE 3, TEST CONDITION B
FOR I.R. SOLDERING: TEST PROCEDURE 5, LEVEL 2
(245°C FOR 15 SECONDS).
4. CONTACT PRESSURE: 280,000 PSI.
5. CLEANING: AQUEOUS SOLUTION OR SOLVENT.
6. SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND
PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION.
7. TOP & FRONT SURFACES TO BE CLEARLY MARKED AS SHOWN.
8. SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
9. SWITCH DOES NOT MEET MIL-STD-202, METHOD 208 FOR
SOLDERABILITY.
10. TAPE AND REEL PACKAGING PER EIA 481.
11. ADD "TR" SUFFIX FOR TAPE AND REEL PACKAGING.
12. ADD "TRON" SUFFIX FOR TAPE AND REEL PACKAGING,
SWITCH IN THE "ON" POSITION.



DETAIL A
SCALE: 10/1



ADP

* SEE NOTE NO. 2

ALCO PART NUMBER				POLES	DIM. "L"
ADP02 ADPA02	**ADP02S **ADPA02S	**ADP02SA **ADPA02SA	**ADP02SB **ADPA02SB	2	.278
ADP03 ADPA03	**ADP03S **ADPA03S	**ADP03SA **ADPA03SA	**ADP03SB **ADPA03SB	* 3	.378
ADP04 ADPA04	**ADP04S **ADPA04S	**ADP04SA **ADPA04SA	**ADP04SB **ADPA04SB	4	.478
ADP05 ADPA05	**ADP05S **ADPA05S	**ADP05SA **ADPA05SA	**ADP05SB **ADPA05SB	* 5	.578
ADP06 ADPA06	**ADP06S **ADPA06S	**ADP06SA **ADPA06SA	**ADP06SB **ADPA06SB	6	.678
ADP07 ADPA07	**ADP07S **ADPA07S	**ADP07SA **ADPA07SA	**ADP07SB **ADPA07SB	* 7	.778
ADP08 ADPA08	**ADP08S **ADPA08S	**ADP08SA **ADPA08SA	**ADP08SB **ADPA08SB	8	.878
ADP09 ADPA09	**ADP09S **ADPA09S	**ADP09SA **ADPA09SA	**ADP09SB **ADPA09SB	* 9	.978
ADP10 ADPA10	**ADP10S **ADPA10S	**ADP10SA **ADPA10SA	**ADP10SB **ADPA10SB	10	1.078

PACKAGING	ALCO P/N	TYCO P/N
TAPE AND REEL	ADP10STR	1571350-1
TAPE AND REEL	ADP06STR	1571546-1
TAPE AND REEL	ADP08STR	1571380-1
TAPE AND REEL	ADP09STR	3-1437587-2
TAPE AND REEL SWITCH ON	ADP02STRON	1-1437587-4
TAPE AND REEL SWITCH ON	ADP04STRON	1-1437587-9

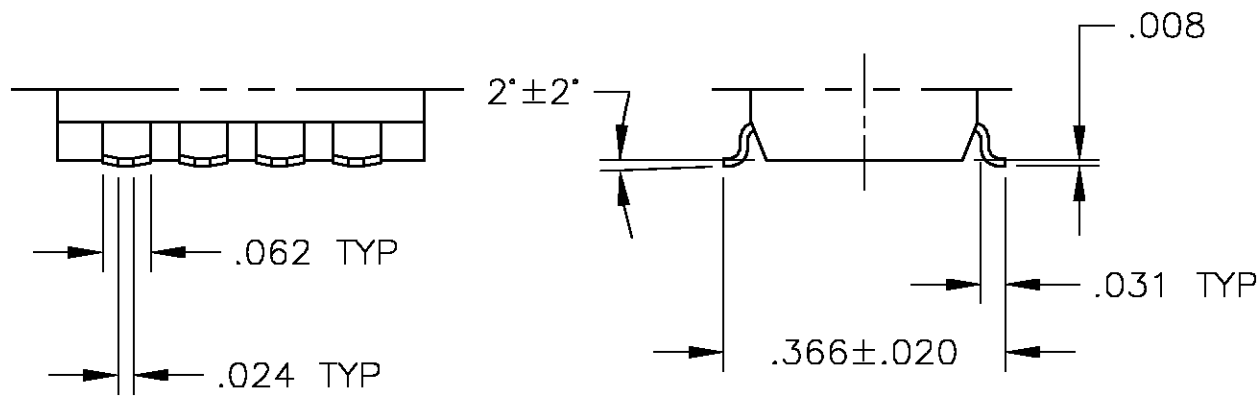
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 10DEC02		 Tyco Electronics Corporation Harrisburg, PA	
DIMENSIONS: INCHES		CHK M SARVER 10DEC02		NAME DIP SWITCH ASSEMBLY ADP/PA SERIES	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 10DEC02			
		PRODUCT SPEC —			
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± ± 1°		APPLICATION SPEC —			
MATERIAL —		WEIGHT —		SIZE A2	
FINISH —		CUSTOMER DRAWING		CAGE CODE 00779	
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				RESTRICTED TO —	
				SCALE 4:1 SHEET 1 OF 2 REV F	

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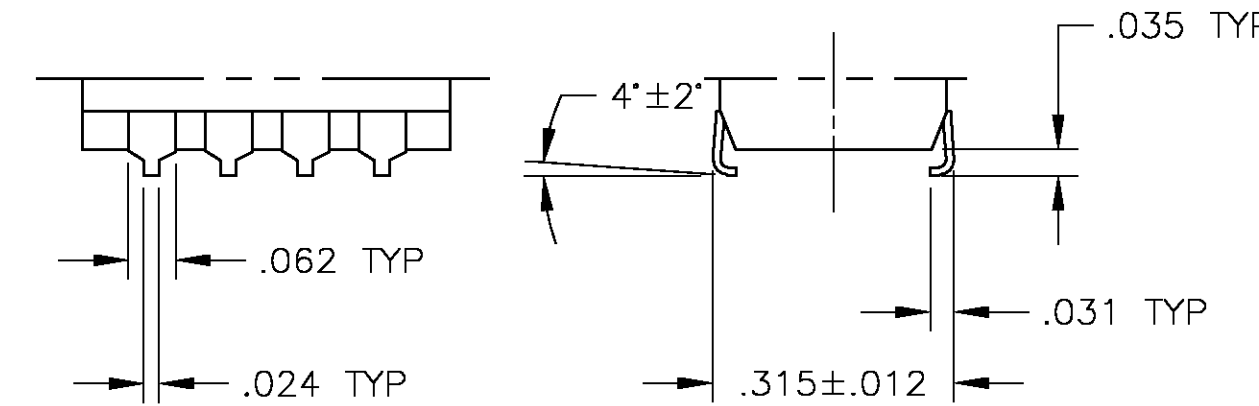
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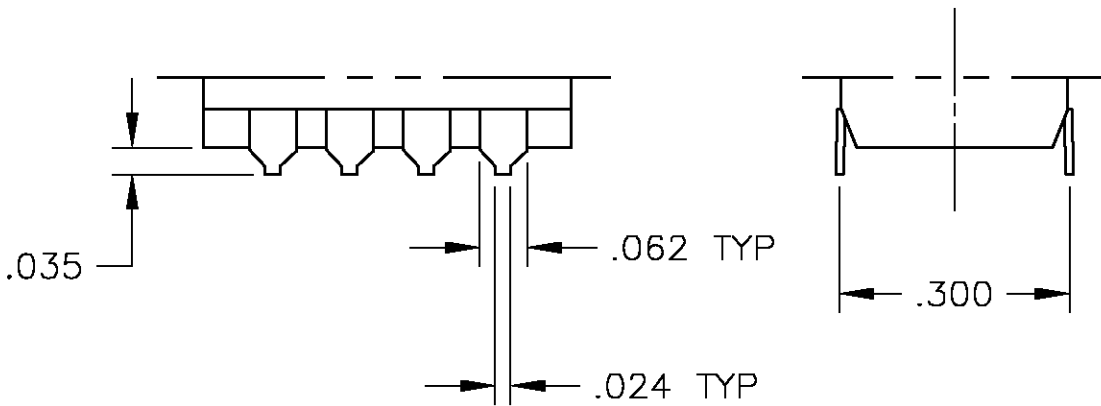
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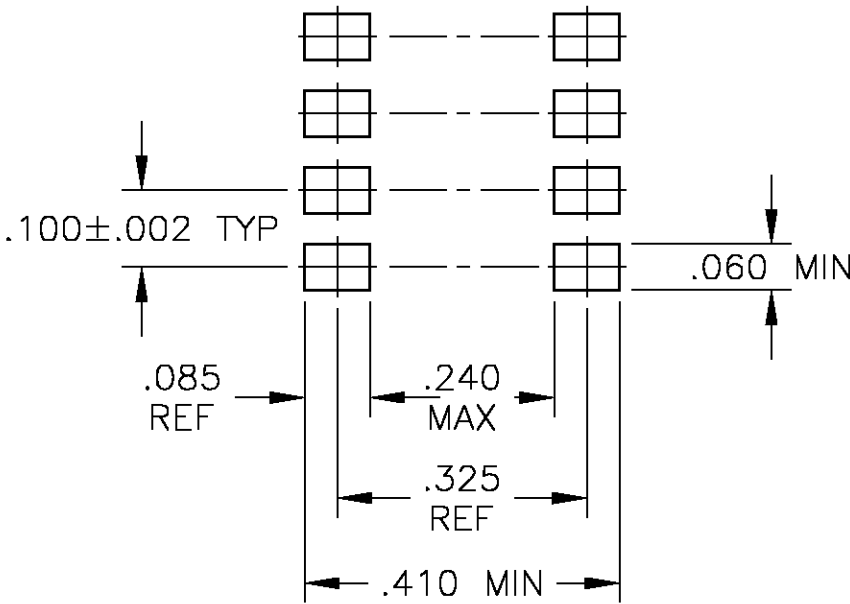
SURFACE MOUNT
S TERMINATION



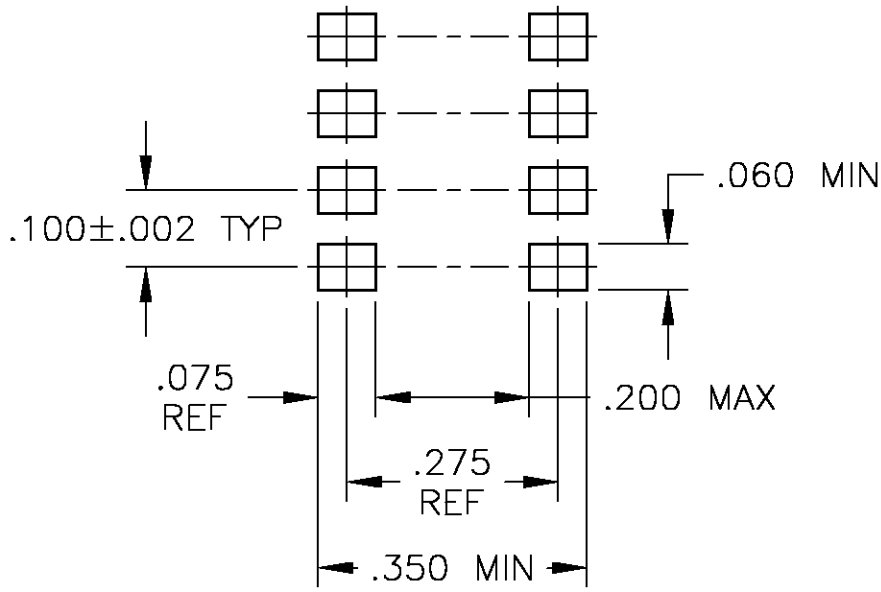
SURFACE MOUNT
SA TERMINATION



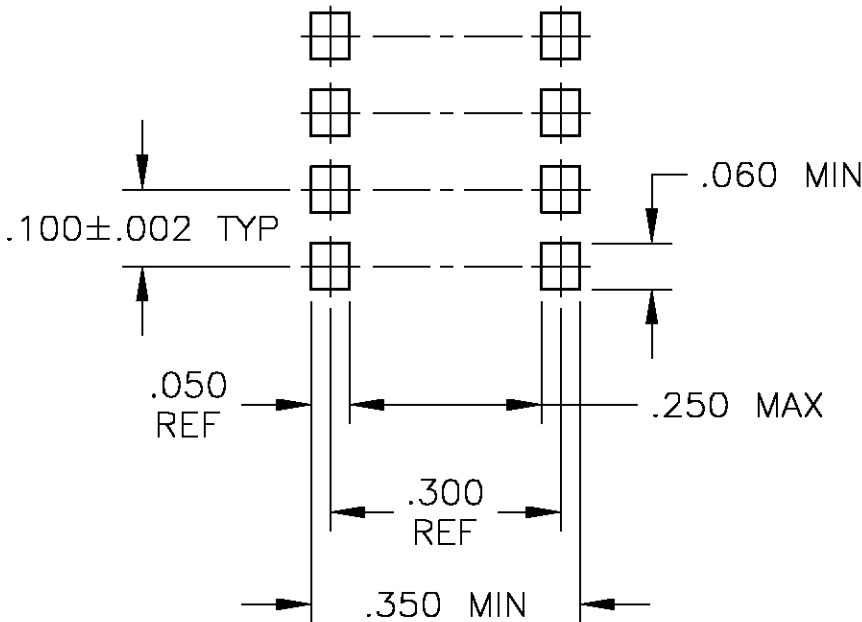
SURFACE MOUNT
SB TERMINATION



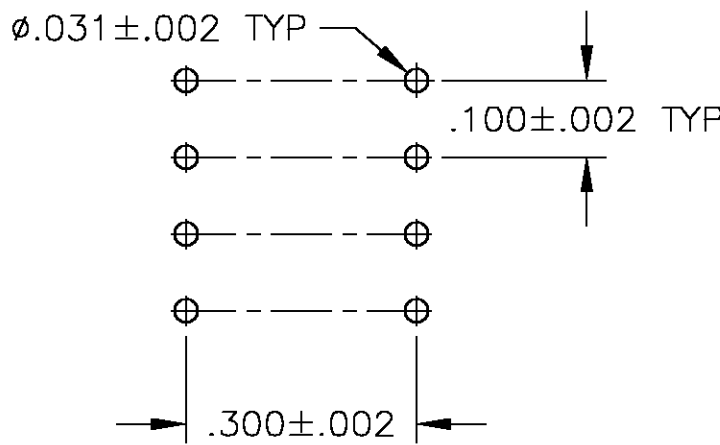
RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"S" TERMINATION



RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"SA" TERMINATION



RECOMMENDED PAD LAYOUT
SURFACE MOUNT
"SB" TERMINATION



RECOMMENDED HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	10DEC02	tyco Electronics Tyco Electronics Corporation Harrisburg, PA			
DIMENSIONS: INCHES		CHK M SARVER	10DEC02	NAME DIP SWITCH ASSEMBLY ADP/PA SERIES			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± 1°	APVD M SARVER	10DEC02				
		PRODUCT SPEC —					
MATERIAL —	FINISH —	APPLICATION SPEC —		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT —	A2	00779	C=2-1437587-6	—	
CUSTOMER DRAWING				SCALE	SHEET		REV
				4:1	2 OF 2		E