



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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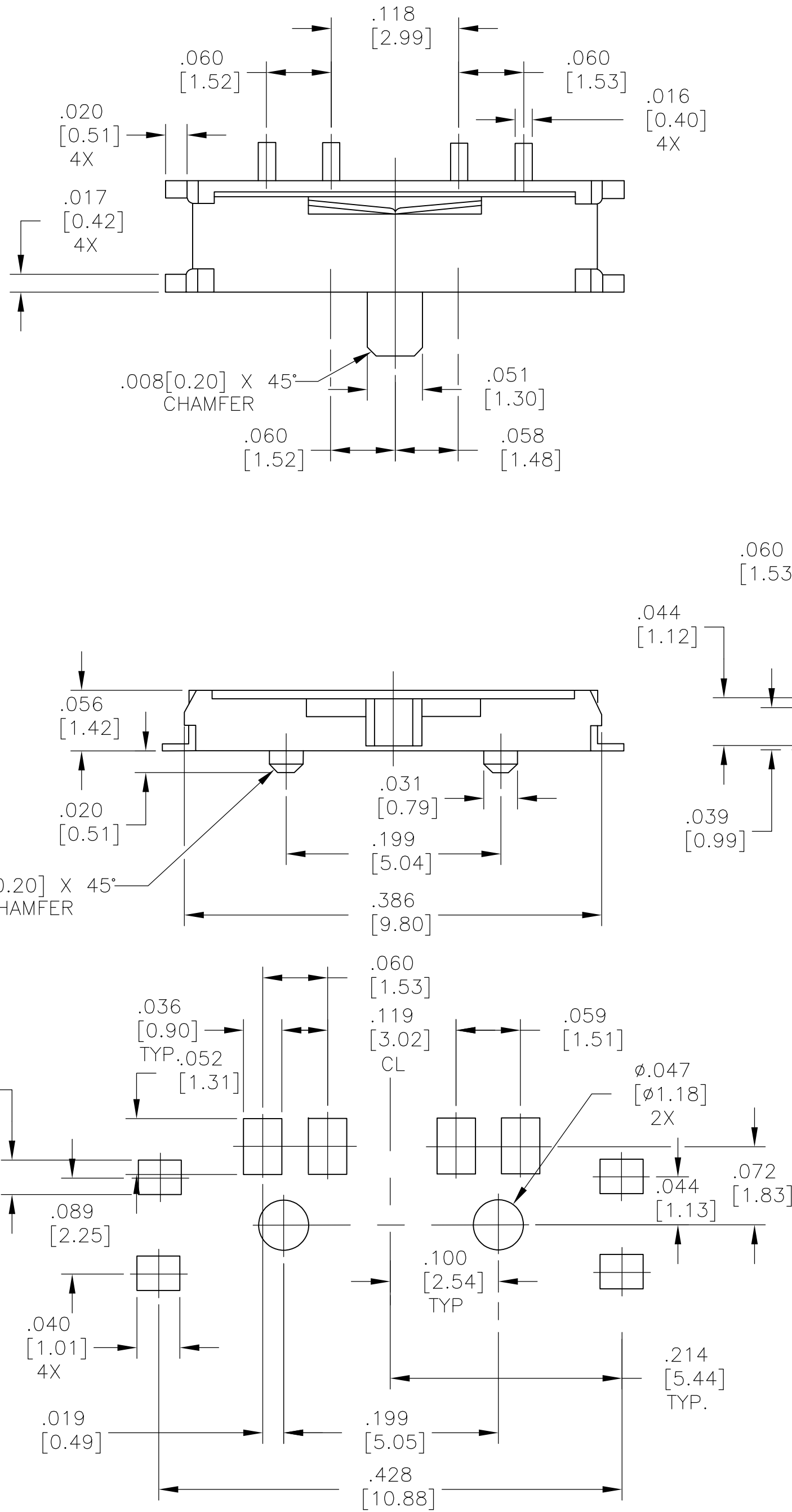
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A1	REVISED PER ECO-09-012884	5/29/09	SS	MW

D

C

B

A



RECOMMENDED FOOTPRINT
TOLERANCE ±.002 UNLESS
OTHERWISE NOTED

SPECIFICATIONS:

MATERIALS:

CASE: LCP UL94V-0, BLACK
COVER, NICKEL SILVER ALLOY-PLATE SILVER OVER NICKEL.
ACTUATOR: NYLON 46 UL94V-0, BLACK
MOVING CONTACT: COPPER ALLOY-PLATE SILVER OVER NICKEL
FIXED CONTACT/TERMINAL, COPPER ALLOY-PLATE SILVER OVER NICKEL
SPRING PLATE, STAINLESS STEEL-PLATE SILVER OVER NICKEL

ELECTRICAL:

CONTACT RATING: 300mA@4VDC.
INITIAL CONTACT RESISTANCE, 70 MILLIOHMS MAX.
FINAL CONTACT RESISTANCE, 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGAOHMS MIN.
DIELECTRIC STRENGTH: 100 VAC FOR 1 MINUTE.
LIFE EXPECTANCY: 10,000 CYCLES.

MECHANICAL:

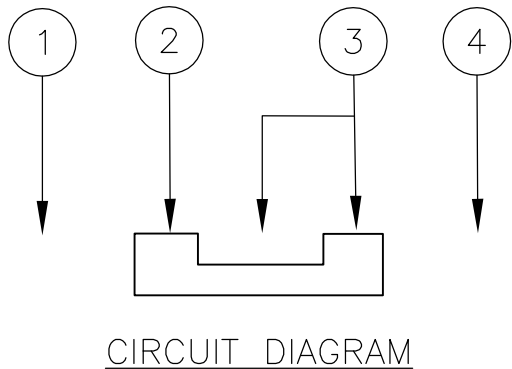
ACTUATION FORCE: 200±100g.
ACTUATION TRAVEL, 1.50±0.15
LIFE EXPECTANCY, 10,000 CYCLES.

ENVIRONMENTAL:

OPERATING TEMPERATURE, -20 TO +85 DEGREES C, -40 TO +85 DEGREES C
LIFE EXPECTANCY 1000 CYCLES.
STORAGE TEMPERATURE, -40 TO +100 DEGREES C
HUMIDITY, MIL-STD-202, METHOD 103, CONDITION B
MOISTURE RESISTANCE, MIL-STD-202, METHOD 106
THERMAL SHOCK, MIL-STD-202, METHOD 107, CONDITION A
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, 95%MINIMUM COVERAGE
RESISTENCE TO SOLDER HEAT, 109-201, CONDITION B

NOTES:

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



CIRCUIT DIAGRAM

MLL1300S	1437575-3
ALCO P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.KIRCORIAN	31JAN96	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES [mm]		CHK —	—	NAME			
		APVD MLL	02JAN96	PRODUCT SPEC			
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC			
MATERIAL SEE SPECIFICATIONS		FINISH SEE SPECIFICATIONS		WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=1437575-3
				CUSTOMER DRAWING	SCALE 10:1	SHEET 1 of 1	REV A1