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LOC	AD
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DIST	_____
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REVISIONS

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LTR

DESCRIPTION

DATE _____

DWN

	APVD
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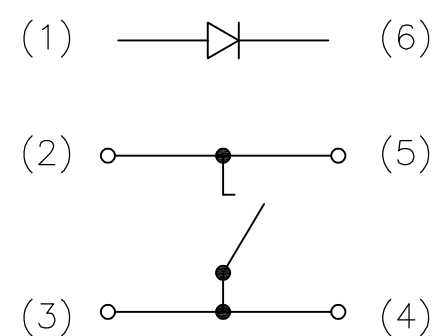
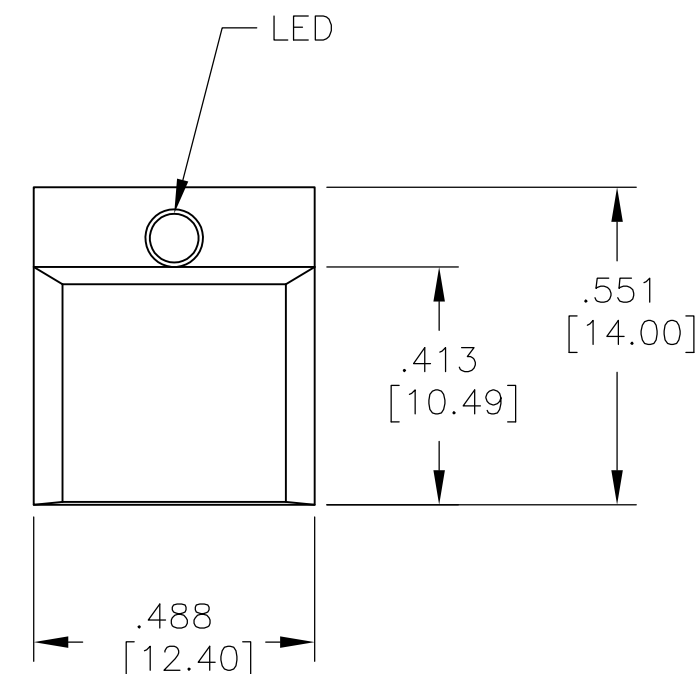
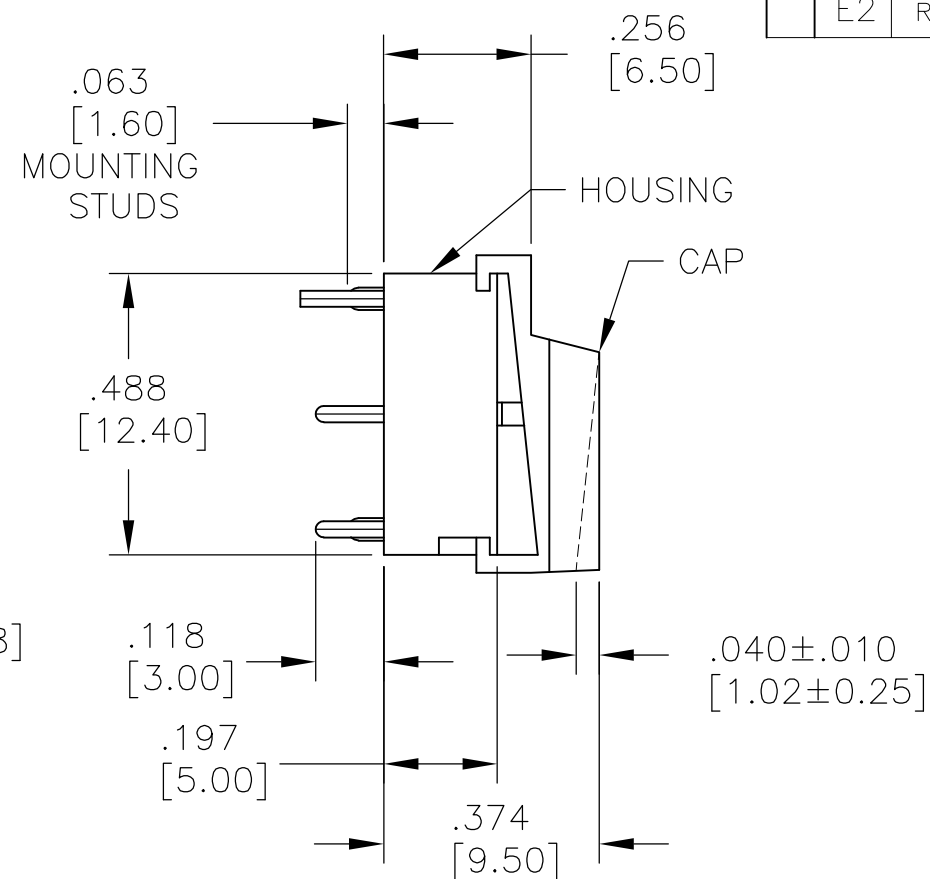
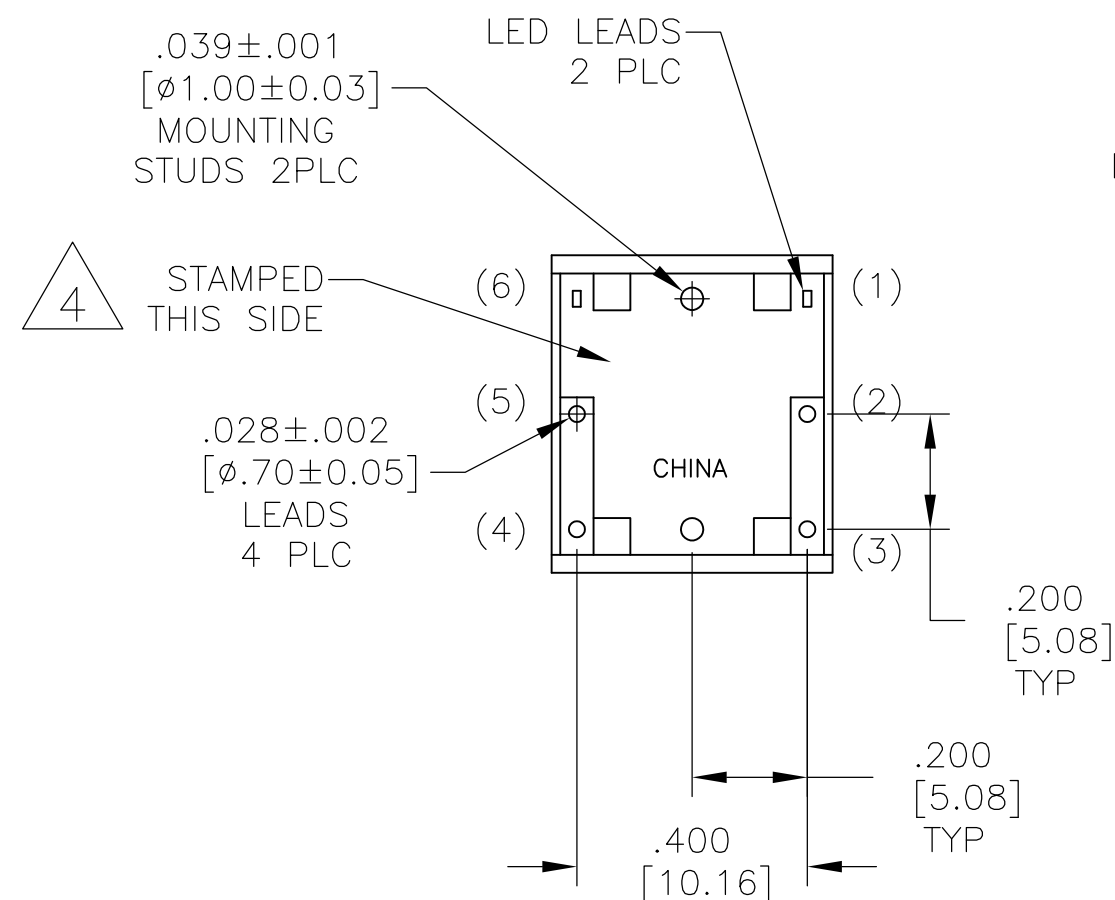
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REVISÉ PER ECO-10-008611

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HMR

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

Test Description	Requirement	Procedure
Rating	10MA @ 10VDC Max	
Circuit type	SPST momentary	
Travel	.031(.80)	
Pretravel	.016 (.40)	
Operating force	130 +/- 30 grams	
Termination resistance	75 milliohms max	EIA 364-23B
Insulation resistance	100 megohms min	EIA 364-21C
Dielectric withstanding voltage	1,000 VAC	EIA 364-20B, Condition 1
Temperature rise vs. current	30 degrees C max. temperature rise from ambient	EIA 448, method 6.
Vibration	No discontinuities of 10 microseconds or greater. No physical damage	EIA 364-28D, CONDITION VII, LEVEL E, Duration 1.5 hours.
Mechanical shock	No discontinuities of 10 microseconds or greater. No physical damage	EIA 364-27B, condition A (50 g's)
Durability electrical	100,000 cycles at rated load	EIA RS 448, Method 8
Durability mechanical	100,000 cycles	EIA RS 448, Method 9
Actuator withstanding force	No physical damage	Static force of 2kf shall be applied in all operating directions for 15 Sec.
Actuator withstanding pull force	No physical damage	Static force of 2kf shall be applied in pulling direction for 15 sec
Travel	.040 +/- .01 (1.02 +/- .25) operating range	Verify operating range of .040 +/- .010 per customer drawing
Actuation Force	130 +/-50 grams	Measure force to depress button and actuate switch
Thermal Shock	No physical damage	EIA 364-32C, test condition I except temp in step 1 shall be -25 and temp. in step 4 shall be +70 (-25C to +70C)
Humidity-Temperature cycling	No physical damage	EIA 364-31B, METHOD III
Operating temperature (Low temperature)	100,000 cycles	EIA 448, Method 10, 100,000 cycles at -25C
Operating temperature (high temperature)	100,000 cycles	EIA 448, Method 10, 100,000 cycles at +70C
Termination solderability	Pass/fail per EIA 364-52 (95% min coverage)	EIA 364-52, Class 2, Category 1.
Resistance to solder heat (Thru hole)	No physical damage	EIA 364-56A, procedure 3, Test condition B except immersion duration to be 15 +/-1 seconds



MATERIALS & FINISHES

HOUSING & COVER: POLYAMIDE 6/6, 15% GLASS FILLED, UL94 HB COLOR- SEE TABLE
CAP: ABS UL94 HB, COLOR- SEE TABLE
LED: RED
CONTACT PLATE: STAINLESS STEEL, 20μ” SILVER OVER 20μ” NICKEL
TERMINALS: 20μ” SILVER OVER 20μ” NICKEL



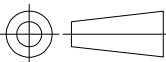
NO L.E.D. HOLE IN THE HOUSING.



MANUFACTURED WITH CAP NOT ASSEMBLED TO THE HOUSING.



COUNTRY OF ORIGIN AND TE LOGO LOCATED APPROXIMATELY AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 10JUL03		 Tyco Electronics Corporation Harrisburg, PA 17105	
		CHK M.ZITTO 15JUL03			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PUSHBUTTON KEYSWITCH WITH LED	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .008 4 PLC ± - ANGLES ± -			
MATERIAL 		FINISH 		RESTRICTED TO	
		PRODUCT SPEC —		SIZE A3	
		APPLICATION SPEC —		CAGE CODE 00779	
		WEIGHT —		DRAWING NO C-1571619	
CUSTOMER DRAWING				SCALE 3:1	
				SHEET 2 OF 2	
				REV E2	