

# LODESTONE PACIFIC

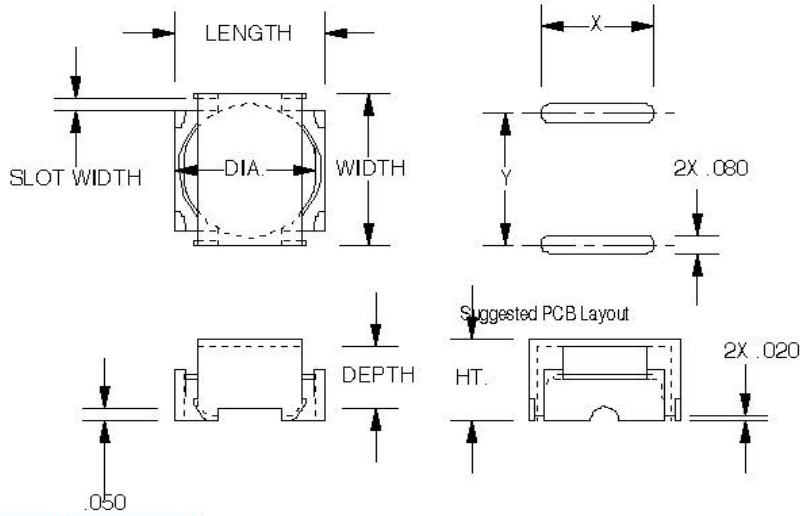


Phone: (800) 694-8089  
 www.lodestonepacific.com  
 E-mail: sales@lodestonepacific.com

## STM HC SERIES

**Material:** PPS (Black)  
**Rating:** UL 94-V0  
**2 Terminals:** Self Terminating  
**Package Method:** Bulk in Poly Bags  
 See RoHS compliant PVC packaging trays, or tape and reel options on page 57.  
**Application:** The STMHC Series is for self leading surface mount low current inductors. The series will accommodate wound toroidal cores from .500 up to .840 in diameter and uses the toroid's winding leads to surface mount the toroid and case to the printed circuit board. The wound toroid's leads are held in position by the slots and channels incorporated in the mounting case.

This product is the patented property of **Pulse Engineering Inc.**, San Diego, CA.



PART NO.	TRAY NO.
STM37HC-02	TY74x77-A
STM44HC-02	TY74x77-A
STM50HC-02	TY74x77-A
STM68HC-02	TY122x140-A



± .010 inches  
 [mm] Not to Scale

PART NO.	LENGTH	WIDTH	HT.	DIA.	DEPTH	SLOT WIDTH	X	Y	WIRE SIZE
STM37HC-02	.600 [15.2]	.585 [14.8]	.320 [8.1]	.500 [12.7]	.240 [6.1]	.045 [1.1]	.440 [11.2]	.500 [12.7]	#22 to #18
STM44HC-02	.650 [16.5]	.650 [16.5]	.360 [9.1]	.580 [14.7]	.280 [7.1]	.045 [1.1]	.490 [12.4]	.570 [14.5]	#22 to #18
STM50HC-02	.720 [18.3]	.720 [18.3]	.360 [9.1]	.650 [16.4]	.280 [7.1]	.045 [1.1]	.560 [14.2]	.640 [16.2]	#22 to #18
STM68HC-02	.920 [23.4]	.920 [23.4]	.355 [9.0]	.840 [21.3]	.275 [7.0]	.055 [1.4]	.700 [17.8]	.830 [21.1]	#20 to #16

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