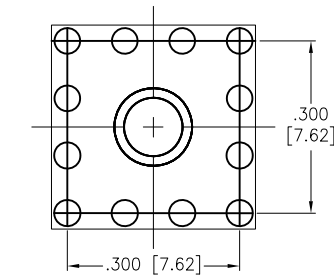
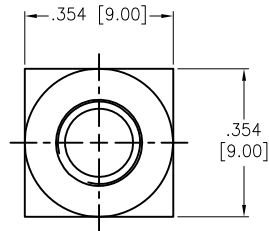


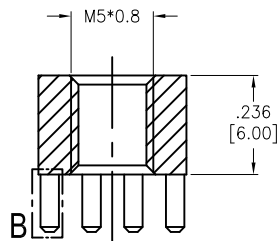
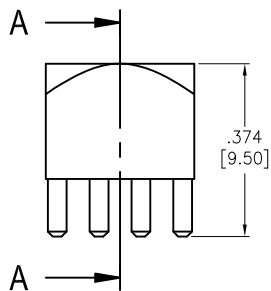
APPROVED: _____

DATE: _____ TITLE: _____

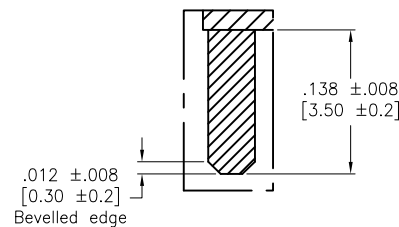
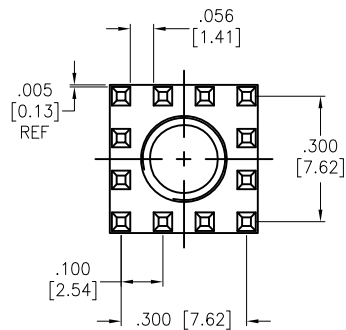
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/22/25	SS
A		ADDED PCB LAYOUT	10/30/25	LH/RC



RECOMMENDED PCB LAYOUT



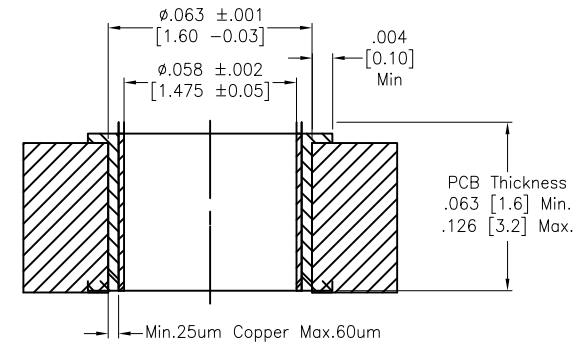
SECTION A-A



PEG DETAIL B

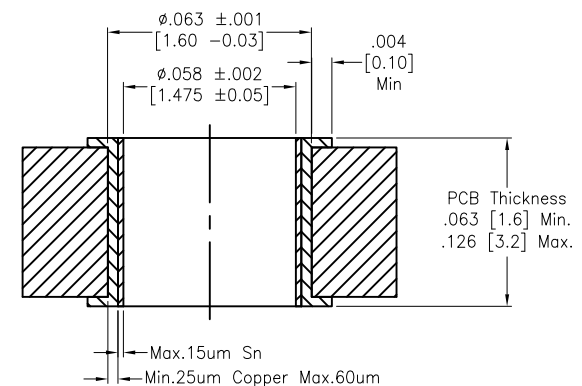
Plated Through Hole Specification for PCB

Recommended for chemical surfaces



Plated Through Hole Specification for PCB

Recommended for HAL



SPECIFICATIONS:

Material: Brass, C3604

Plating:

Matte Tin over Nickel underplate overall

Electrical:

Current rating: 175A @Tested at 20°C

Mechanical:

Tightening Torque: 2.2N

Insertion Force: 40N Per Pin

Withdrawal Force: 30N Per Pin

(Minimum 24 Hours after Press Fit)

Temperature Rating:

Operating temperature: -55°C to +150°C

Environmental:

Lead free, RoHS compliant



Packaging: Bulk

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			
.X	± .10	Ø.X	±.10
INCHES .XX	± .020	HOLES Ø.XX	±.015
.XXX	± .015	Ø.XXX	±.010

DRAWN	LH	8/22/25
CHECKED	RC	8/22/25
APPROVED	SS	8/22/25

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**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE
HIGH CURRENT TERMINALS PRESS-FIT TYPE
M5, WITH INTERNAL THREAD, CIRCUMFERENCE

SIZE X	PART NO. HCT-P-ITC-M5-A	REV. A
REF: -	SCALE: NTS	SHEET 1 OF 1