

# PROBE MOUNTING

TEMPERATURE SENSOR	
MANUFACTURER	ANALOG DEVICES
PART NUMBER	AD590MH
ELECTRICAL OUTPUT	1 MICROAMP / °K
HERMETICALLY SEALED, AIRTIGHT	

METAL WASHER WITH O RING INSERT

7/16 HEX NUT

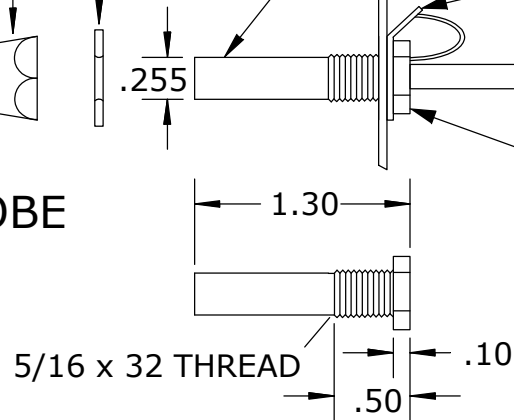
PRECISION STAINLESS STEEL PROBE

AIRCRAFT SKIN

GROUND LUG

12 FOOT LENGTH

ANALOG PROBE



POLARITY OF WIRES,  
WHITE POSITIVE,  
WHITE/BLUE STRIPE NEGATIVE


24 AWG TEFLON SHIELDED PAIR  
PART # MIL-C-27500-24TG2T14  
MFG. THERMAX

MOUNTING HOLE DIA. 5/16

PROBE-12-FT-WHT-C307PSM | PART # C307PSM, AD590MH TEMP PROBE 12FT WHITE (ANALOG)

**NOTES :** THE TEMPERATURE SENSOR MOUNTING SHOULD BE IN A PLACE THAT IS FREE OF EXHAUST GASES OR COWL FLAPS AIRFLOW. THE IDEAL PLACE IS TWO FEET OUT FROM THE WING ROOT ON THE BOTTOM OF THE WING. SENSOR LEADS MAY BE LENGTHENED OR SHORTENED WITHOUT AFFECTING CALIBRATION.

IF MOUNTED IN FIBERGLASS OR A NON GROUNDED STRUCTURE, SHIELD WIRE MUST BE TIED TO AIRFRAME ELECTRICAL GROUND

REVISIONS			 427 Hillcrest Way Redwood City, CA 94062		
NO.	DATE	BY			
1			<h2>C307PSM OUTLINE</h2>		
2					
3					
4					
5					
			Drawn by: KDT Approved by: KET Size: A	Date: 04/03/12 Sheet: 1 Scale: NONE	Drawing Number:  <h2>303-019</h2>