

Technical drawing of a mechanical part, likely a probe or stylus, showing front, top, and side views with dimensions and a note.

Dimensions:

- Overall length: .380
- Distance from tip to center of top hole: .141
- Distance from tip to center of bottom hole: .155
- Radius of top hole: .063
- Radius of bottom hole: .026
- Overall width: .156 SQ.
- Distance from center to top hole: .100 TYP
- Distance from center to bottom hole: .020 SQ. TYP
- Overall height: .370
- Distance from base to top of main body: .292
- Distance from base to top of probe: .174
- Radius of main body: .096
- Radius of probe: .040

Notes:

- PROPRIETARY INFORMATION NOT TO BE RELEASED WITHOUT WRITTEN PERMISSION FROM AN AUTHORIZED REPRESENTATIVE OF APPLIED ENGINEERING PRODUCTS

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MATERIALS:

1. INSULATORS = VIRGIN WHITE TEFLON PER ASTM D1710, GRADE 1, TYPE I, CLASS "B".
2. CONTACT = BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, TEMPER TD04.
3. CRMIP SLEEVE = SEAMLESS LOWLEAD BRASS TUBE, ALLOY 330, SOFT ANNEAL TEMPER, .025/.060 GRAIN SIZE OR SEAMLESS COPPER TUBE PER ASTM B75, TYPE C12000, TEMPER: LIGHT ANNEAL O50 EXCEPT YIELD STRENGTH.
4. SHRINK SLEEVE = RNF 100, YELLOW (NOT SHOWN).
5. ALL OTHER METAL PARTS = BRASS PER ASTM B16, ALLOY C36000, TEMPER H02.

1. CONTACT = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 1, GRADE C, OVER .00010 TO .00020 STRESS FREE SULFAMATE NICKEL PER QQ-N-290.
2. ALL OTHER METAL PARTS = GOLD PLATE PER MIL-G-45204, TYPE II, CLASS 0, GRADE C, OVER .00010 TO .00020 COPPER STRIKE PER MIL-C-14550.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON		DWN: DATE A.D.M. 11/30/06		 APPLIED ENGINEERING PRODUCTS 104 John W. Murphy Dr. New Haven, CT 06513 a RADIAL company			
DECIMAL		CHKD: DATE D.N. 11/30/06		RIGHT ANGLE CABLE TERMINATION P.C.B. MOUNT, CRIMP TYPE FOR RG-178 & SIMILAR CABLES			
ANGLE		APVD: DATE J.M. 11/30/06					
REFERENCE:		MATERIALS & FINISHES:		SIZE A	FSCM NO. 19505	DWG NO. 7145-1521-002	REV A
ORIGINATOR: A.D.M. DATE: 11/30/06		SEE NOTES		SCALE 7:1		THIRD ANGLE PROJECTION	SHEET 1 OF 1

7145-1521-002