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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ DC TO 18 GHz

VSWR (MAX) \_\_\_\_\_ 1.05+.015 (f GHz):1

POWER (AVG) \_\_\_\_\_ 5 WATTS  
DERATED LINERLY FROM 100% AT +25° C TO 10% AT +125° C

POWER (PEAK) \_\_\_\_\_ 500 WATTS  
5μ SEC PULSE W, 0.50% DUTY CYCLE

IMPEDANCE \_\_\_\_\_ 50 OHMS

MECHANICAL

OPERATING TEMP RANGE \_\_\_\_\_ -55° C TO +125° C

WEIGHT MAX. \_\_\_\_\_ 1.6oz.

MATERIAL

OUTER CONDUCTOR: \_\_\_\_\_ PASSIVATED STAINLESS STEEL

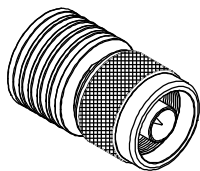
CENTER CONDUCTOR: \_\_\_\_\_ GOLD PLATED BERYLLIUM COPPER

DIELECTRIC: \_\_\_\_\_ TEFLON

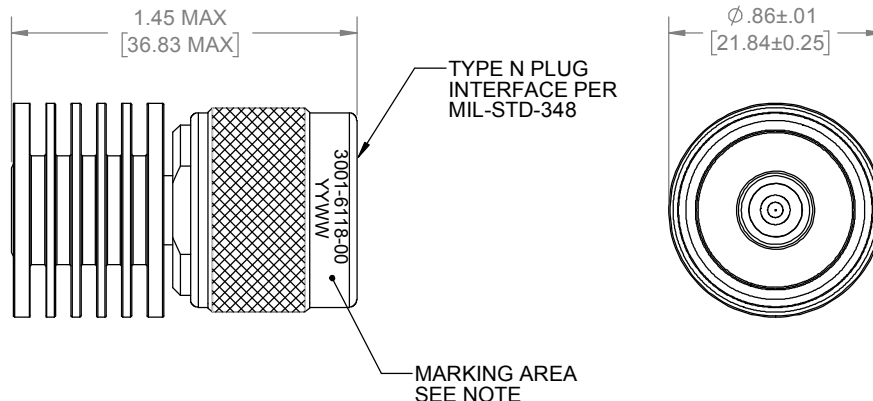
HEAT SINK: \_\_\_\_\_ BLACK ANODIZED ALUMINIUM ALLOY

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.  
PART MARKING ORIENTATION AND FORMAT AS SHOWN.  
MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, AND READABLE.  
YYWW EQUALS DATE CODE.



| REVISIONS |                       |        |         |          |
|-----------|-----------------------|--------|---------|----------|
| REV       | DESCRIPTION           | ECO #  | DATE    | APPROVED |
| A         | UPDATED TO NEW FORMAT |        | 9/9/10  | DSS      |
| B         | REDRAWN IN SOLIDWORKS | 17-146 | 9/25/17 | T.KUHN   |
|           |                       |        |         |          |
|           |                       |        |         |          |



| QTY. | PART NO.         | DESCRIPTION                               | ITEM NO |
|------|------------------|---|---------|
| X    | 3001-6118-00     | TERNINATION, TYPE N-m, 5W                 |         |
| 1    | TA-3001-6118-00U | ASSEMBLY, TERNINATION, TYPE N-m, UNMARKED | 1       |

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000

DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING

SURFACE ROUGHNESS  $\mu$ INCHES **63**

FINISH: \_\_\_\_\_

SEE NOTES

MATERIAL: \_\_\_\_\_

SEE NOTES

NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:

|          |       |        |
|----------|-------|--------|
| DECIMALS | INCH  | (MM)   |
| .X"      | .05"  | [1.27] |
| .XX"     | .03"  | [.76]  |
| .XXX"    | .010" | [.25]  |

ANGLES  $\pm 0^{\circ}30'$

REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED

DIAS CONCENTRIC <.003 T.I.R.

DO NOT SCALE PRINT

DRAWN \_\_\_\_\_ DATE 9/25/17

CHECKED \_\_\_\_\_ DATE 9/25/17

ENG. APPR. \_\_\_\_\_ DATE 9/25/17

T.KUHN

Phone: 603-222-2256 Fax: 603-222-2259  
150 Dow Street, Manchester, NH 03101

TITLE: TERNINATION, TYPE N-m, 5W

|       |                    |                |     |
|-------|--------------------|----------------|-----|
| SIZE  | CAGE CODE          | DRAWING NUMBER | REV |
| B     | 3HT76              | 3001-6118-00   | B   |
| SCALE | PLATED AREA SQ. IN | SHEET 1 OF 1   |     |

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