

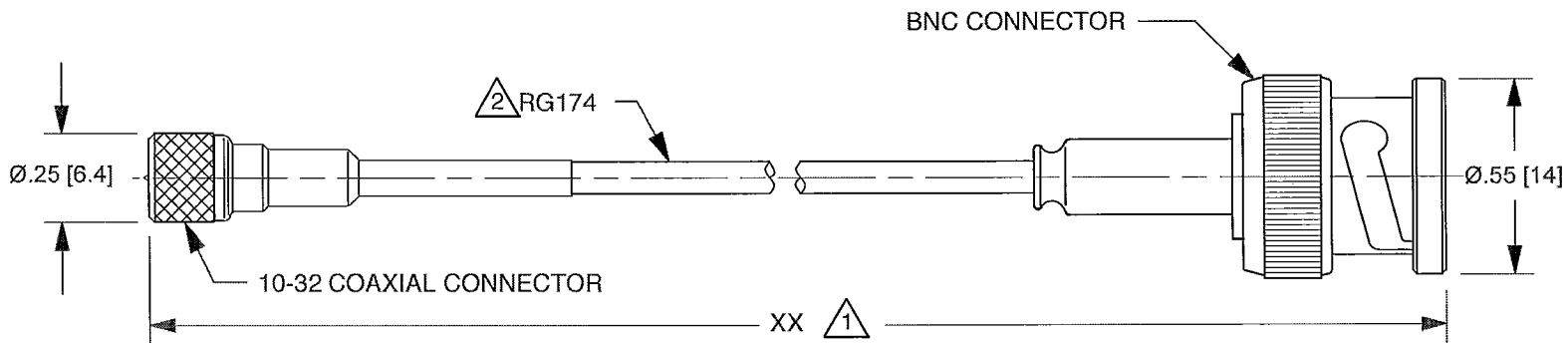
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| REV | ECN | DESCRIPTION | BY/DATE | CHK | APPB |
|-----|------|-----------------|-------------|-----|------|
| A | 9772 | INITIAL RELEASE | AB 03/25/13 | RA | RA |

1 CABLE TOLERANCES

| ENGLISH | | [METRIC] | |
|----------------|----------|----------------|---------------|
| ≤ 1 FT | +1/-0 IN | ≤ 0.3 m | +25 mm -0 mm |
| >1 FT - 5 FT | +2/-0 IN | > 0.3 m- 1.5 m | +50 mm -0 mm |
| >5 FT - 10 FT | +4/-0 IN | >1.5 m -3 m | +100 mm -0 mm |
| >10 FT - 25 FT | +6/-0 IN | > 3 m -7.5 m | +150 mm -0 mm |
| >25 FT | +5%/-0% | > 7.5 m | +5%/-0% |

| 2 RG-174-AU COAX CABLE | |
|--------------------------|------------------------------------------------------|
| NOMINAL IMPED (OHMS) | 50 |
| INNER CONDUCTOR | 26 (7X34) BARE COPPER CLAD STEEL (COPPERWELD) |
| DIELECTRIC MATERIAL | EXTRUDED POLYOLEFIN |
| SHIELD | BRAIDED TINNED COPPER 38 AWG 4 ENDS 85% MIN COVERAGE |
| JACKET | EXTRUDED PVC (NON-CONTAMINATING) COLOR BLACK |
| DIAMETER | .100 ± .003 |
| MAX CONDUCTOR RESISTANCE | 9.67 |
| TEMPERATURE RATING | -40°C TO +85°C |



2 SEE CABLE SPECIFICATION TABLE.

1 XX EQUALS CABLE LENGTH IN FEET.

NOTES: UNLESS OTHERWISE SPECIFIED

| | | | | | |
|------------------------------------------------------------------------------------|----------|---------------------------------|------------------|-----------------|--|
| | | MASTER ONLY IF IN RED | | CHATSWORTH, CA. | |
| SCALE | DESIGN | DATE | | | |
| 2X | NC | 7/18/02 | | | |
| DRAWN | DATE | PART NO. | | | |
| AB | 04/15/13 | SEE TABLE | | | |
| CHECKED | DATE | MATL | | | |
| RA | 04/16/13 | | | | |
| APPROVED | DATE | NEXT ASSEMBLY | USED ON | | |
| RA | 5/22/13 | | SEE TABLE | | |
| TITLE | | | DWG NO. | | |
| OUTLINE/INSTALLATION DRAWING, CABLE, 10-32 TO BNC, MODEL 6093A | | | 127-6093A | | |
| DO NOT SCALE DRAWING | | | SHEET 1 OF 1 | | |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M-1994. REMOVE BURRS COUNTERSINKS INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MAJOR DIA. THD LENGTHS AND DEPTHS ARE FOR THDS PER MIL-S- 7742. DIMENSIONS APPLY AFTER FINISHING. | CONTRACT NO |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSION IN BRACKETS [] ARE IN MILLIMETERS. TOLERANCES ARE: INCHES METRIC ANGLES .XX ±.03 .X ± 0.8 ± 1° .XXX ±.010 .XX ± 0.25 | |
| FINISH | |
| 63 ALL MACHINED SURFACES TOTAL RUNOUT WITHIN .005 BREAK SHARP EDGES .005 TO .010 MACHINE FILLET RADI .005 TO .015. WELDING SYMBOLS PER AWS A2.4 ABBREVIATIONS PER MIL-STD-12 | |
| USED ON | NEXT ASSY |
| APPLICATION | |
| THIRD ANGLE PROJECTION USA | |