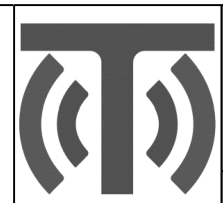


TECHNICAL CHARACTERISTICS

|   |                           |
|---|---------------------------|
| TEMPERATURE RANGE                         | -40°C ~ +85°C             |
| IMPEDANCE                                 | 50 Ω                      |
| FREQUENCY RANGE                           | DC ~ 2.5GHz               |
| WORKING VOLTAGE                           | 335V R.M.S. AT SEA LEVEL  |
| WITHSTANDING VOLTAGE                      | 1000V R.M.S. AT SEA LEVEL |
| CONTACT RESISTANCE - CENTRE CONTACT       | < 5 M Ω                   |
| CONTACT RESISTANCE - OUTER CONTACT        | < 2.5 M Ω                 |
| INSULATION RESISTANCE                     | > 5000 M Ω                |
| CENTRE CONDUCTOR RETENTION FORCE          | > 0.57 N                  |
| VOLTAGE STANDING WAVE RATIO - STRAIGHT    | < 1.25                    |
| VOLTAGE STANDING WAVE RATIO - RIGHT ANGLE | < 1.35                    |
| DURABILITY (MATING)                       | > 500 CYCLES              |

| COMPONENT      | MATERIAL                | PLATING |
|----------------|-------------------------|---------|
| BODY           | BRASS                   | NICKEL  |
| PIN CONTACT    | BRASS                   | GOLD    |
| SOCKET CONTACT | BERYLLIUM OR TIN BRONZE | GOLD    |
| CRIMP FERRULE  | COPPER ALLOY            | NICKEL  |
| O-RING SEALING | 6146 SILICONE RUBBER    |         |
| INSULATOR      | PTFE                    |         |

GENERAL NOTES:  
ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE



SCALE: DRAWING  
NOT TO SCALE  
  
DO NOT SCALE  
IF IN DOUBT ASK

|         |         |        |             |    |          |
|---------|---------|--------|-------------|----|----------|
| DWN: RO | CHK: DP | REV: A | ISSUED      | RO | 08.08.13 |
|         |         |        | DESCRIPTION | BY | DATE     |

|          |                                   |
|----------|-----------------------------------|
| PROJECT  | TELCO ANTENNAS                    |
|          | RF COAXIAL CONNECTORS             |
| TITLE    | MINI UHF TECHNICAL SPECIFICATIONS |
| DRG. No. | TA-RC-TS10                        |
| REV.     | A                                 |