DESCRIPTION

PRODUCT COVERED:

RF Connectors, Series TBC and TBC PLUS Header and Receptacle Connectors.

ENGINEERING CONSIDERATIONS:

General - Connectors, described in this Report, are intended for indoor use only. If the connector is employed on a telephone loop circuit, it shall be employed on the equipment side of a Listed primary telephone protector. The connectors are comprised of a brass, beryllium copper and stainless steel housing employing contacts that are nickel or gold plated over brass. The insulation of the connector is either Teflon, Polypropylene or Polymethylpentene. Termination will be flexible or semi-rigid coaxial cable. Refer to AMP Cat. No. 82074, Guide to RF Connectors, for specific electrical and construction details. TBC and TBC PLUS Connectors are comprised of a R/C (QMFZ2) plastic with copper alloy contacts.

Component Servicing - The units shall be repaired by personnel trained by the manufacturer or returned to the manufacturer for repair or replacement.

Installation - The modular connectors (termination modules) are intended for use in terminating and cross connecting telephone system conductors or for use in data applications. All installations shall meet the electrical protection requirements as prescribed by the applicable requirements of the National Electrical Code and the local authorities having jurisdiction. Electrical protection, where required, shall be installed between the exposed conductors and the connector modules. All models covered by this Report are also suitable for use after the telephone protection. The units are also intended to be installed in accordance with the manufacturer's installation practices. The appropriate installation instruction sheet shall be provided with each connector kit package. Refer to ILLS. 1 through 17 for details.

Ratings - The units are intended for communication circuits operating at 175 mA or less, 56.5 V dc, ringing voltage not to exceed 150 V rms. The units may also be used on low voltage data communication circuits operating 30 V rms or 42.4 V dc at 100 mA or less.