

Terminal Junction Modules

MIL-T-81714 Series I Class D

QPL-approved MIL-T-81714 modules and AS39029 contacts (formerly MIL-C-39029) are available in four standard sizes accommodating 12-26 AWG wires in both feedback and feedthru types with a full selection of bussing arrangements. The complete MIL-T-81714 Series I Terminal Junction Modules includes the following products.



Key Features and Benefits

Integral Socket/Bus Bar

The patented integral socket/bus bar assembly provides superior electrical characteristics and assures mechanical integrity over a long product life. This unique design completely eliminates all solder or welded joints which could cause variation in electrical and/or mechanical performance.

Integral Contacts

Integral female contacts and bus bar have no mechanical functions - only the electrical conductivity function and highly conductive alloy for optimum electrical performance.

Split Socket Design

Split Socket Design, conforming to the mating pin diameter, provides peripheral surface wipe and contact, while using the maximum mating surfaces of pin and socket.

High Density Modules

A recently introduced series of high density modules which conform to all dimensional and performance requirements of MIL-T-81714/17 is now available from Amphenol Pcd. The high density modules accept size 22 contacts in a compact 3x7 configuration, with a wide variety of bus arrangements. The construction features one-piece screw machine contacts with a split socket design for maximum performance. Contacts are securely packaged within a polyetherimide housing.

Class D Modules System

Amphenol Pcd was the first supplier to qualify module and track systems to high performance MIL-T-81714 Series I Class D requirements. Class D systems combine the maximum high temperature and high fluid resistance performance parameters previously divided among three module classes A, B, and C.

Electronic Splices

TJSE electronic modules can be supplied with a wide variety of diodes, resistors, capacitors, and fuses within the splice itself. TJSE electronic splices meet the electrical parameters of MIL-81714/24 and allow customers to incorporate system modifications into wire bundles.