

Introduction

AMP MONO-SHAPE MARK II Connectors in In-Line Mating Technology

MONO-SHAPE Mark II Connector System was developed according to the newest level of knowledge and standard.

The requirements of advanced In-Line mating technology for the component and contact of printed circuit board (PCB) is granted by the two versions TAB and PCB connector systems.

System is designed to maximise the full integration with the application tooling, assuring the flexibility in the harness design.

This system is suitable for a wide wire size range of conductor and current carrying capacity up to 16 A.

Double termination is possible with 0.5 and 0.5mm² or 0.5 and 0.75mm² conductors.

(See application spec. 114-20104 for details)

The connectors are available in 1 to 10 positions (TAB Version) with interior locking device and 2 to 12 positions (PCB Version)

Connectors are supplied in chain and provided with all keying and polarisation ribs the connectors can be handled automatically with a modern Application Tooling Equipment.

Wiring faults checked and eliminated through high automation.

Application Machines shall provide to print a colour code mark on the connectors cover after wire termination, feasible on all connectors configuration, for connector identification on harnesses.

Technical Features

- Housing moulded in different materials for different applications
- Standard, Part Numbers with pre-dash 0 (as 0-284471-1) Housing in unfilled PA 6/6, UL 94V-2
- For UL94V0, Part Numbers with pre-dash 1 (as 1-284471-1) Housing in unfilled PA 6/6, UL 94V-0
- High Operating Temperature (up to 130°), Part Numbers with pre-dash 2 (as 2-284471-1) Unfilled PA 4/6, UL 94V-2 (available for TAB Version only)
- Glow Wire 750° no flame, Part Numbers with pre-dash 3 (as 3-284471-1) Housing in unfilled PA 6, UL 94V-2