

Section E Low Profile Metal and Plastic Shell Micro-D



Product Selection Guide

MLDM Metal Shell
Solder Cup
Page E-3



MLDM Metal Shell, Solder Cup

Solder cup gold plated contacts accept #24-30 AWG solid or stranded wire. Available in 9 to 51 positions. High performance M83513 TwistPin contact system. Contacts are factory-installed, non-removable and epoxy encapsulated. 3 Amp, 600 Vac, -55°C to +150°C.

MLDM Metal Shell
Stranded Wire
Page E-5



MLDM Metal Shell, Stranded Wired

Pre-wired with #24 to #30 stranded wire. Available in 9 to 51 positions. High performance M83513 TwistPin contact system. 3 Amp, 600 Vac, -55°C to +150°C.

MLDM Metal Shell
Solid Wired
Page E-7



MLDM Metal Shell, Solid Wire

Pre-wired with #24 to #30 solid wire. Available in 9 to 51 positions. High performance M83513 TwistPin contact system. 3 Amp, 600 Vac, -55°C to +150°C.

MLDM Metal Shell
Back-to-Back
Page E-9



MLDM Back-To-Back Unshielded Cables

If a simple jumper cable is required, these cable assemblies simplify ordering. No special part numbers are necessary. Available in all sizes. Wiring is #1 to #1, etc. Back-to-backs are built to order in any length

MLDM Metal Shell
Right Angle PCB
Page E-11



MLDM Metal Shell, Right Angle PCB

9 to 51 positions. High performance M83513 TwistPin contact system. Factory-installed contacts, non-removable and are encapsulated with epoxy. PCB terminal spacing is .100" x .100" for easy board fabrication. 3 Amp, 600 Vac, -55°C to +150°C.

MWDL Plastic
Shell Solder Cup
Page E-15



MWDL All-Plastic, Solder Cup

Available in 9 to 51 contacts. High performance M83513 TwistPin contact system, the MWDL all-plastic connector is an economical alternative to metal shell connectors. Gold-plated solder cups accept #24 – #30 AWG wire. 3 Amp, 600 Vac, -55°C to +150°C.

MWDL Plastic
Shell Pre-Wired
Page E-17



MWDL All-Plastic, Stranded Wire

These crimp-terminated pre-wired assemblies offer an alternative to the time-consuming job of soldering wires. #24 – #30 AWG wire size. 3 Amp, 600 Vac, -55°C to +150°C.

MWDL Plastic
Shell Solid Wire
Page E-19



MLDM All Plastic, Solid Wire

Pre-wired with #24 to #30 solid wire. Available in 9 to 51 positions. High performance M83513 TwistPin contact system. 3 Amp, 600 Vac, -55°C to +150°C.

MWDL Plastic
Low Profile
Back-to-Back
Page E-21



MWDL All-Plastic Low Profile Back-to-Back Jumper Cables

Factory-terminated, contacts crimped to wire and potted with epoxy. High performance gold-plated TwistPin contacts recessed into insulator top prevent damage. 9 to 51 contacts, 3 A., 600 Vac, -55°C to +150°C. IAW MIL-DTL-83513.

MWDL Plastic
Shell Right Angle
PCB
Page E-23



MWDL All-Plastic, Right Angle PCB

9 to 51 positions. High performance M83513 TwistPin contact system. Factory-installed gold-plated PC tails, non-removable and epoxy encapsulated. PCB terminal spacing is .100" x .100" for easy board fabrication. 3 Amp, 600 Vac, -55°C to +150°C.