

INTRODUCTION:

Adam Tech DMH & DMF Series Power Connectors consist of a receptacle and plug set in a variety of single and multiple row configurations with .165" centerlines. They are manufactured of Nylon 6/6 with a flammability rating of UL94V-2 or UL94V-0. This series is designed as a mated set with a PCB mounted header and a wire mounted socket which securely latches to header when mated. Our specially designed bodies provide polarization to eliminate mismatching and our latching system resists heavy vibration. PCB mounted headers have molded pegs which align and brace the PCB tails for trouble free assembly and use.

FEATURES:

- High current rating
- Polarized and Positive locking
- Vibration resistant
- Compatible with Wide Range of wires
- Industry standard compatible

SPECIFICATIONS:

Material:

Insulator: Nylon 66, rated UL94V-2
Insulator Color: Natural or Black
Contacts: Brass, tin plated

Electrical:

Operating voltage: 300V AC / DC max.
Current Rating: 5 Amps max
Insulation resistance: 1000 MΩ min.
Dielectric withstanding voltage: 1500V AC for 1 minute

Temperature Rating:

Operating temperature: -25°C to +85°C

PACKAGING:

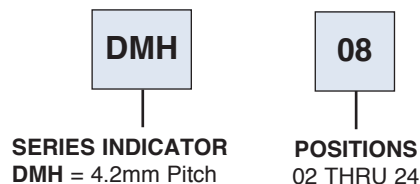
Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

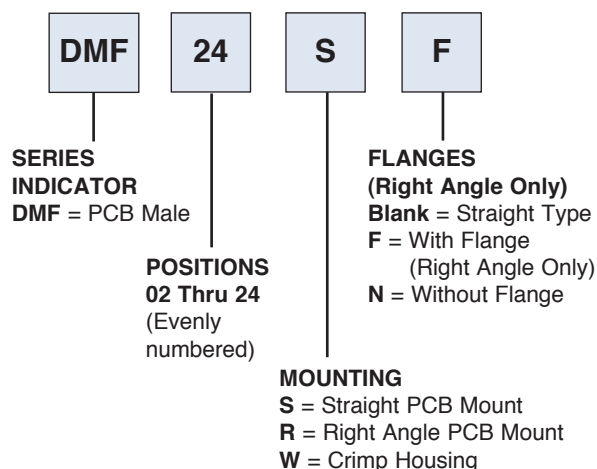
UL Recognized & CSA Certified, File no. E224053



ORDERING INFORMATION FEMALE WIRE HOUSING



ORDERING INFORMATION MALE PCB HOUSING



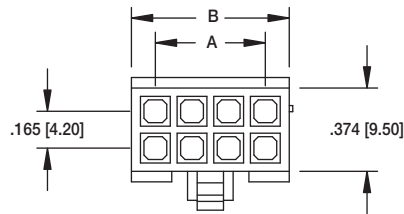
OPTIONS:

Add designator(s) to end of part number
P = PCB Peg

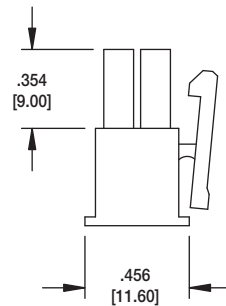
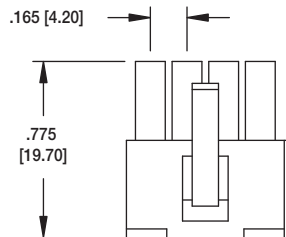


DMH

CRIMP HOUSING



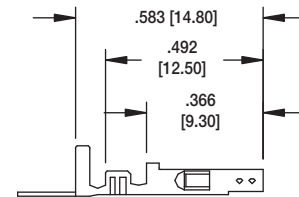
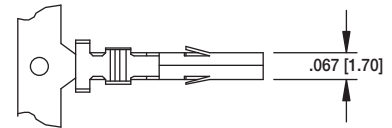
DMH-12



DIMENSIONS:

A = .165 [4.20] X No. of Position / 2 - 1

B = .165 [4.20] X No. of Positions / 2 + .055 [1.40]

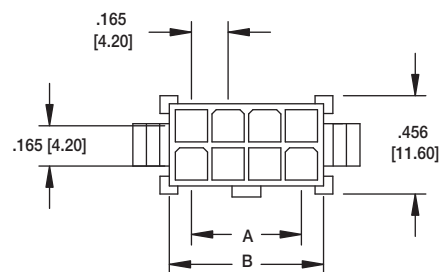


DMH CRIMP CONTACT

PART #	WIRE AWG
DMH-A-C-F-R	22 ~ 24
DMH-B-C-F-R	18 ~ 22
DMH-C-C-F-R	16 ~ 18

DMF

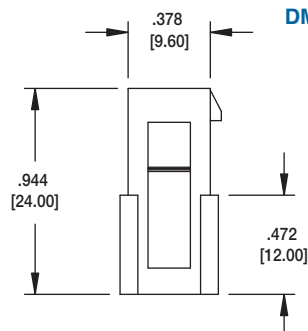
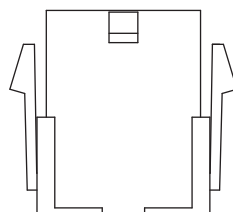
CRIMP HOUSING



DMF-06-W



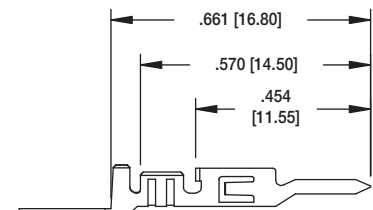
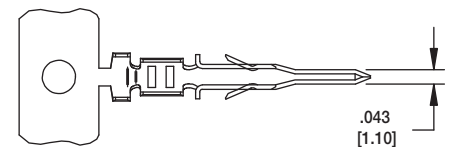
DMF-12-W



DIMENSIONS:

A = .165 [4.20] X No. of Position / 2 - 1

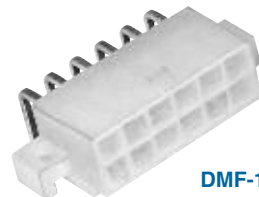
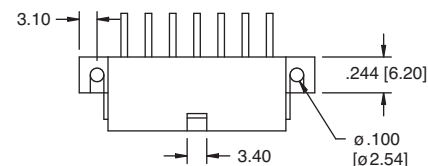
B = .165 [4.20] X No. of Positions / 2 + .055 [1.40]



DMF CRIMP CONTACT

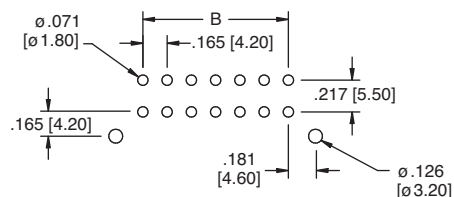
PART #	WIRE AWG
DMF-A-C-M-R	22 ~ 24
DMF-B-C-M-R	18 ~ 22

**DMF
RIGHT ANGLE
WITH FLANGE**



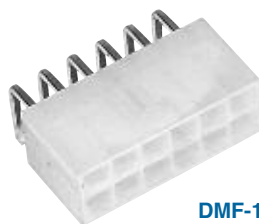
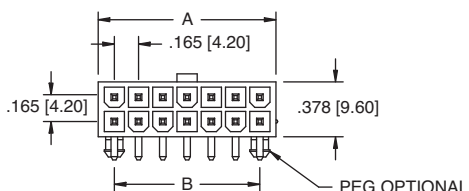
DMF-12-R-F

Recommended PCB Layout



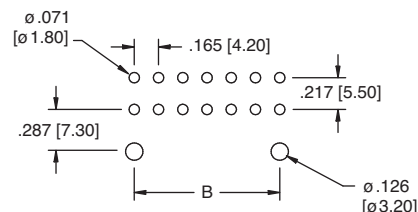
A = .165 [4.20] x No. of Positions + .213 [5.40]
B = .165 [4.20] x No. of Spaces

**DMF
RIGHT ANGLE
WITHOUT FLANGE**



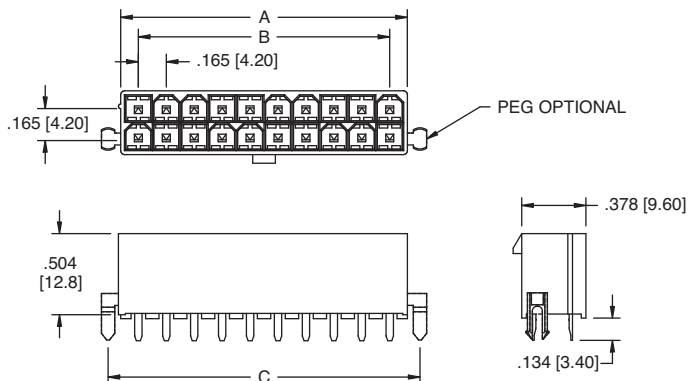
DMF-12-R-N

Recommended PCB Layout



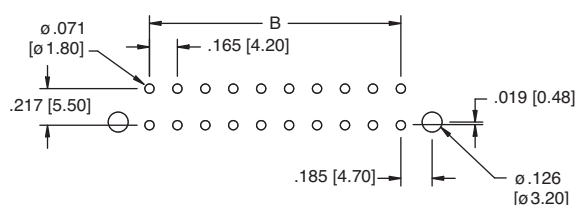
A = .165 [4.20] x No. of Positions + .213 [5.40]
B = .165 [4.20] x No. of Spaces

**DMF
STRAIGHT MOUNT
WITH PEG**



DMF-12-S-P

Recommended PCB Layout



A = .165 [4.20] x No. of Positions + .213 [5.40]
B = .165 [4.20] x No. of Spaces