

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

DMH	08
SERIES INDICATOR	POSITIONS
DMH = 4.2mm Pitch	02 THRU 24
DMW = 3.0mm Pitch	
DMU = 3.0mm Pitch	
DMT = 3.0mm Pitch	
DML = 3.0mm Pitch	

ORDERING INFORMATION MALE PCB HOUSING

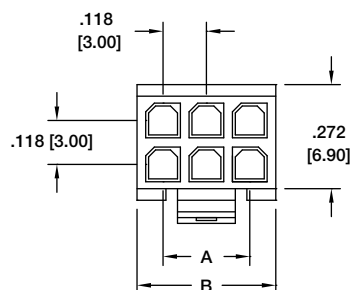
DMF	24	S	F
SERIES INDICATOR	POSITIONS	FLANGES (RIGHT ANGLE ONLY)	
DMF = PCB Male	02 THRU 24 (Evenly numbered)	BLANK = Straight Type	
		F = With Flange (Right Angle Only)	
		N = Without Flange	
		MOUNTING	
		S = Straight PCB Mount	
		R = Right Angle PCB Mount	
		W = Crimp Housing	

OPTIONS:

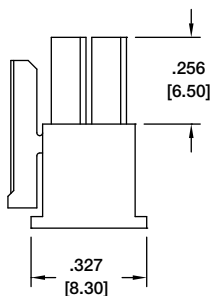
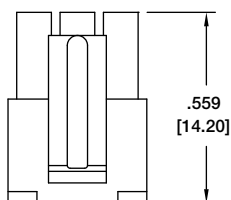
Add designator(s) to end of part number
P = PCB Peg



DMT CRIMP HOUSING



DMT-14

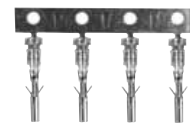


DIMENSIONS

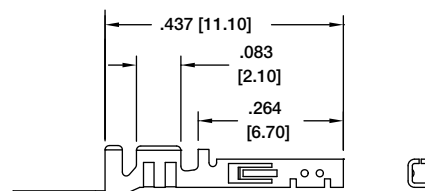
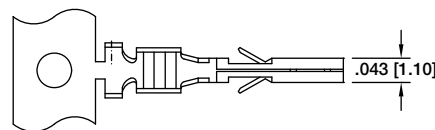
A = .118 [3.00] X No. of Positions / 2 - 1

B = .118 [3.00] X No. of Positions / 2 + .151 [3.85]

DMT CRIMP CONTACT

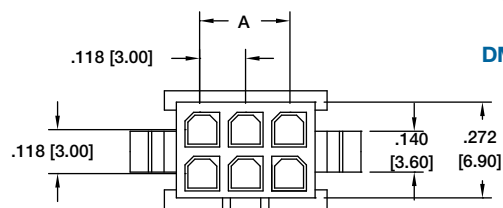


DMT-A-C-F-T-R

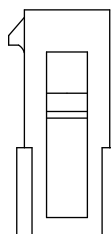
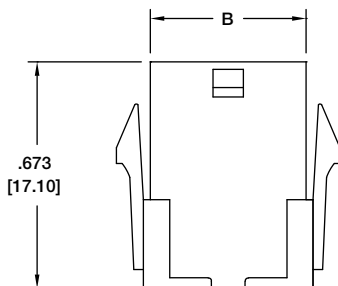


PART #	WIRE AWG
DMT-A-C-F-T-R	26 - 30
DMT-B-C-F-T-R	20 - 24

DMU CRIMP HOUSING



DMU-12

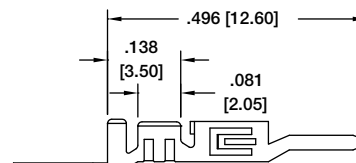
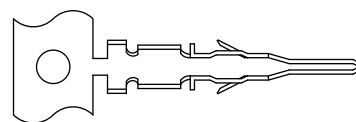


DIMENSIONS

A = .118 [3.00] X No. of Positions / 2 - 1

B = .118 [3.00] X No. of Positions / 2 + .151 [3.85]

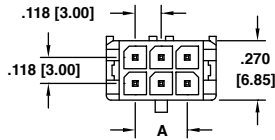
DMU CRIMP CONTACT



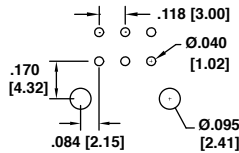
PART #	WIRE AWG
DMT-A-C-M-T-R	26 - 30
DMT-B-C-M-T-R	20 - 24

DML-XX-V-T

VERTICAL THRU HOLE MOUNT



DML-10-V-T

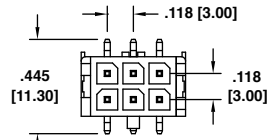


Recommended PCB Layout

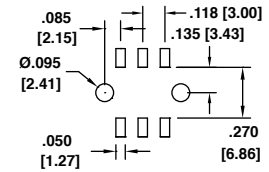
Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DML-XX-V-T-SMT-BL

VERTICAL SMT W/BOARDLOCKS



DML-10-V-T-SMT-BL

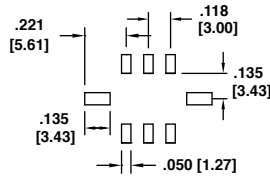
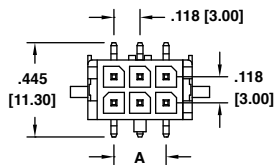


Recommended PCB Layout

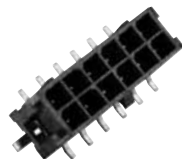
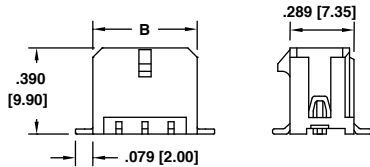
Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DML-XX-V-T-TSMT

VERTICAL TRUE SMT



Recommended PCB Layout

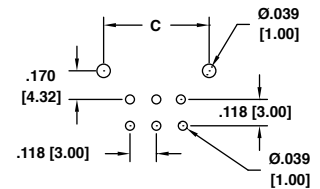
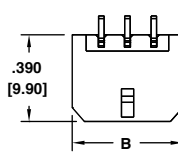


DML-12-V-T-TSMT

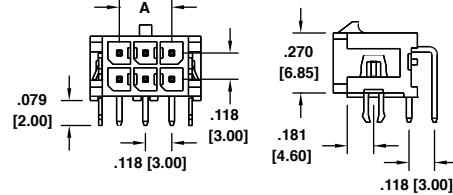
Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DML-XX-H-T-BL

RIGHT ANGLE THRU HOLE



Recommended PCB Layout

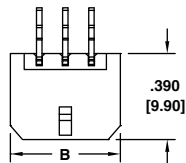


DML-12-H-T-BL

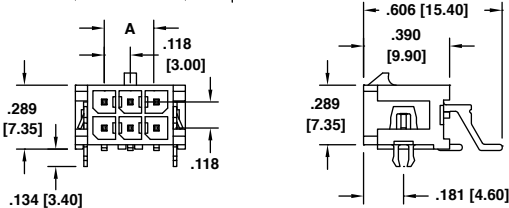
Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DML-XX-H-T-SMT-BL

RIGHT ANGLE SMT W/BOARDLOCKS



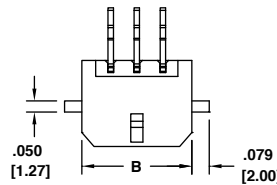
DML-10-H-T-SMT-BL



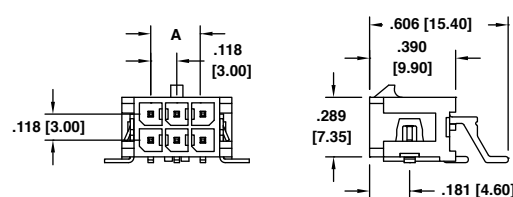
Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DML-XX-H-T-TSMT

RIGHT ANGLE TRUE SMT

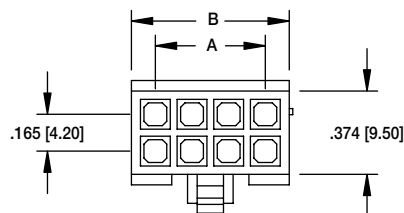


DML-08-H-T-TSMT

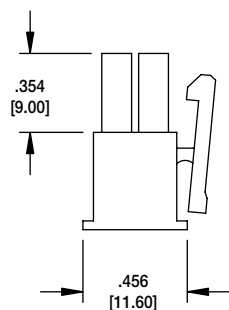
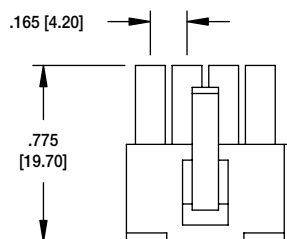


Replace (XX) with no. of positions
A = .118 [3.00] X No. of Positions / 2 - 1
B = .118 [3.00] X No. of Positions / 2 + .145 [3.70]

DMH CRIMP HOUSING



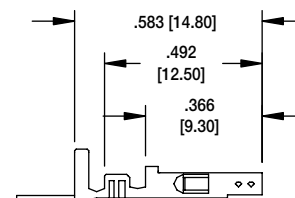
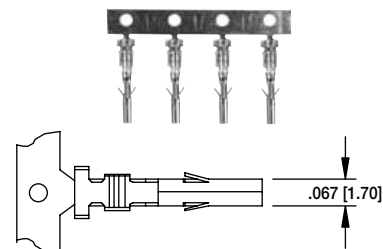
DMH-12



DIMENSIONS:

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

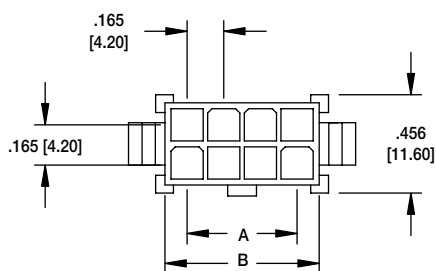
B = .165 [4.20] X No. of Positions / 2 + .055 [1.40]



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

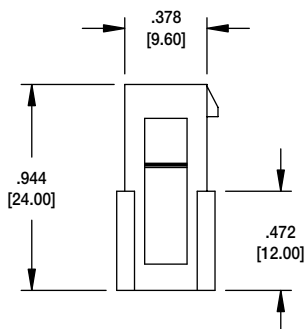
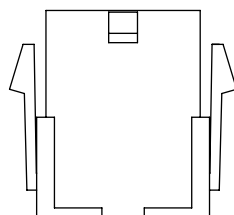
DMF CRIMP HOUSING



DMF-06-W



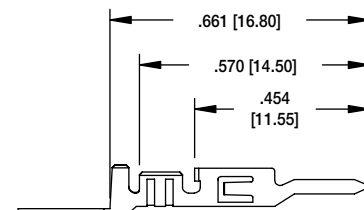
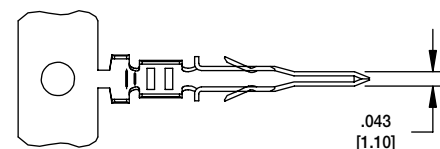
DMF-12-W



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