

A. System Overview



## Metric DiscoGrip™ Male Disconnects, Fully Insulated – Funnel Entry

B1. Cable Ties

### Type DMPF-FIM

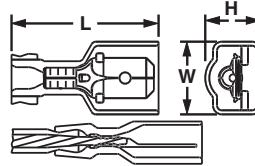
- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Premium nylon insulation retains its shape when crimped and provides a tight grip around the wire insulation for maximum strain relief
- Oversized housing designed for maximum versatility to mate with most commercially available fully insulated female disconnects
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Male tab couples with (all 6.3mm x 0.8mm) female disconnects
- UL Flammability UL 94V-2, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway



Cross section of DiscoGrip™ Crimp showing insulation crimp of the wire insulation.

C3. Abrasion Protection

C4. Cable Management

Part Number	Wire Range (mm <sup>2</sup> )	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
<b>Standard Housing</b>										
DMPF1-63FIM-2K	0.5 – 1.0	Red	3.4	22.9	10.4	7.4	6.3 x 0.8	CD9-10B	CD-800-10	2000
DMPF2-63FIM-2K	1.5 – 2.5	Blue	4.0	22.9	10.4	7.4	6.3 x 0.8	CD9-11B	CD-800-11	2000
<b>Oversized Housing</b>										
DMPF1-63FIMB-K*	0.5 – 1.0	Red	3.4	23.4	11.7	8.6	6.3 x 0.8	CD9-10B	CD-800-10	1000
DMPF2-63FIMB-K*	1.5 – 2.5	Blue	4.1	23.4	11.7	8.6	6.3 x 0.8	CD9-11B	CD-800-11	1000

\*To mate with other manufacturers' fully insulated 6.3mm x 0.8mm female receptacles. For applicator information, see page D1.143.

D1. Terminals

D2. Power Connectors



## Metric Disco™ Male Disconnects, Nylon Fully Insulated – Funnel Entry

D3. Grounding Connectors

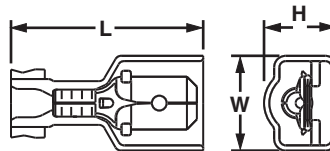
### Type DMNF-FIM

- Continuously molded design provides reliable, consistent performance through the applicator for a high quality termination every time
- Male tab can be inserted and removed from the female disconnect without the use of tools for lower installed cost
- Internal barrel serrations assure good wire contact and maximum tensile strength
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310
- Male tab couples with (all 6.3mm x 0.8mm) female disconnects
- Fully insulated design provides protection from electrical shorts

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers



E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

Part Number	Wire Range (mm <sup>2</sup> )	Color Code	Max. Ins. (mm)	Figure Dimensions (mm)			Tab Size (mm)	CA9 Series Crimp Die	CA-800/EZ Series Crimp Die	Pieces Per Reel
				L	W	H				
<b>Standard Housing</b>										
DMNF1-63FIM-2K	0.5 – 1.0	Red	3.4	22.9	10.7	7.5	6.3 x 0.8	CD9-4B	CD-800-4	2000
DMNF2-63FIM-2K	1.5 – 2.5	Blue	4.0	22.9	10.7	7.5	6.3 x 0.8	CD9-5B	CD-800-5	2000
<b>Oversized Housing</b>										
DMNF1-63FIMB-K*	0.5 – 1.0	Red	3.4	23.1	11.4	8.6	6.3 x 0.8	CD9-4B	CD-800-4	1000
DMNF2-63FIMB-K*	1.5 – 2.5	Blue	4.1	23.1	11.7	8.4	6.3 x 0.8	CD9-5B	CD-800-5	1000

\*To mate with other manufacturers' fully insulated 6.3mm x 0.8mm female receptacles. For applicator information, see page D1.143.

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