

## HD-050 Ultra-high density inserts

250V 10A 50+ 

## Inserts

Hoods/Housings: size 32A, please find the details on page 15-21~15-24.

Crimp terminal

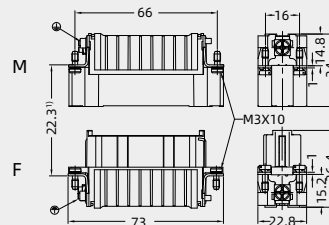
order crimp contacts separately



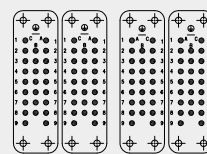
| Insert | Designation                | Order No.        |
|--------|----------------------------|------------------|
| Male   | HD-025-MC                  | 125 025 010 0001 |
|        | HD-025-MC(Z) <sup>1)</sup> | 125 025 010 0002 |
| Female | HD-025-FC                  | 125 025 020 0001 |
|        | HD-025-FC(Z) <sup>1)</sup> | 125 025 020 0002 |

1) Z represents large size digital plug.

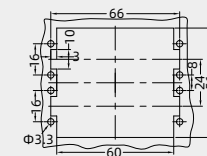
1) Distance for contact max. 24 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Crimp contacts

Crimp contacts 10A

Contact resistance  $\leq 3\text{m}\Omega$   
silver plated

gold plated

More crimp contacts 10A  
see P13-02,P13-03.

## Tools

Crimping tool



Contact removal tool



| Male      | Order No.        | Female    | Order No.        |
|-----------|------------------|-----------|------------------|
| CDSM-0.25 | 101 017 110 0101 | CDSF-0.25 | 101 017 120 0101 |
| CDSM-0.37 | 101 017 110 0301 | CDSF-0.37 | 101 017 120 0301 |
| CDSM-0.50 | 101 017 110 0401 | CDSF-0.50 | 101 017 120 0401 |
| CDSM-0.75 | 101 017 110 0601 | CDSF-0.75 | 101 017 120 0601 |
| CDSM-1.0  | 101 017 110 0801 | CDSF-1.0  | 101 017 120 0801 |
| CDSM-1.5  | 101 017 110 0901 | CDSF-1.5  | 101 017 120 0901 |
| CDSM-2.5  | 101 017 110 1001 | CDSF-2.5  | 101 017 120 1001 |

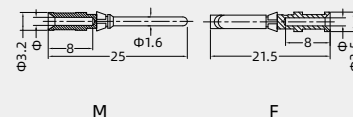
|           |                  |           |                  |
|-----------|------------------|-----------|------------------|
| CDGM-0.25 | 101 017 210 0101 | CDGF-0.25 | 101 017 220 0101 |
| CDGM-0.37 | 101 017 210 0301 | CDGF-0.37 | 101 017 220 0301 |
| CDGM-0.50 | 101 017 210 0401 | CDGF-0.50 | 101 017 220 0401 |
| CDGM-0.75 | 101 017 210 0601 | CDGF-0.75 | 101 017 220 0601 |
| CDGM-1.0  | 101 017 210 0801 | CDGF-1.0  | 101 017 220 0801 |
| CDGM-1.5  | 101 017 210 0901 | CDGF-1.5  | 101 017 220 0901 |
| CDGM-2.5  | 101 017 210 1001 | CDGF-2.5  | 101 017 220 1001 |

| Wire gauge            | Designation | Order No.        |
|-----------------------|-------------|------------------|
| 0.14-4mm <sup>2</sup> | TL02G       | 198 001 001 0011 |

For the crimping contacts and removing contacts instructions, please find the page 06-23~06-24.

| Application            | Designation | Order No.        |
|------------------------|-------------|------------------|
| for crimp contacts 10A | TL00        | 198 001 000 0001 |

More tools detail please find the page 32-03~32-06.



| Wire gauge                | $\Phi$    | Stripping length |
|---------------------------|-----------|------------------|
| 0.09-0.25 mm <sup>2</sup> | AWG 28-24 | 0.65 5 mm        |
| 0.14-0.37 mm <sup>2</sup> | AWG 26-22 | 0.9 8 mm         |
| 0.5 mm <sup>2</sup>       | AWG 20    | 1.1 8 mm         |
| 0.75 mm <sup>2</sup>      | AWG 18    | 1.3 8 mm         |
| 1 mm <sup>2</sup>         | AWG 18    | 1.45 8 mm        |
| 1.5 mm <sup>2</sup>       | AWG 16    | 1.75 8 mm        |
| 2.5 mm <sup>2</sup>       | AWG 14    | 2.25 6 mm        |

When the wire gauge is less than 0.75mm<sup>2</sup>, it's better to use the auxiliary pin assembly tool TL15.Notes: The tools for crimp terminal may influence the product quality and stability.  
Please select the tools recognized by our company.