



RDD 42 HNM (High Number of Mating cycles)

10 A 250 V

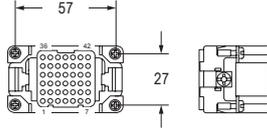
size **57.27**
42 poles + ⊕

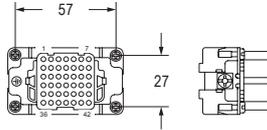
Crimp connection

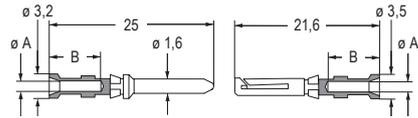
EN 61984 rating	10 A 250 V 4 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 10 000



CAIUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	RDDM 42	

	Female inserts for female contacts Without contacts (to be ordered separately)	RDDF 42	
--	--	-------------------------	---

10 A HNM crimp contacts	section (mm ²)		Male	Female	
	section (AWG)				
0,14-0,37	26-22		RDM2D 0.3	RDF2D 0.3	
0,5	20		RDM2D 0.5	RDF2D 0.5	
0,75	18		RDM2D 0.7	RDF2D 0.7	
1	18		RDM2D 1.0	RDF2D 1.0	
1,5	16		RDM2D 1.5	RDF2D 1.5	
2,5	14		RDM2D 2.5	RDF2D 2.5	

Wiring information, RD contacts

conductor section (mm ²)	conductor slot ø A (mm)	stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

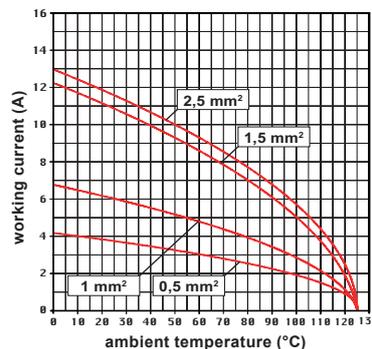
Wire diameter: up to 3,8 mm.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials	
Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, gold ● plated (HNM version)



Enclosures size 57.27	Pages
Specialized Applications	
HNM High Number of Mating cycles	H.76-77



RDD 42 inserts max. current load derating diagram

For applications requiring higher voltages, please see the special voltage application section on page B.83