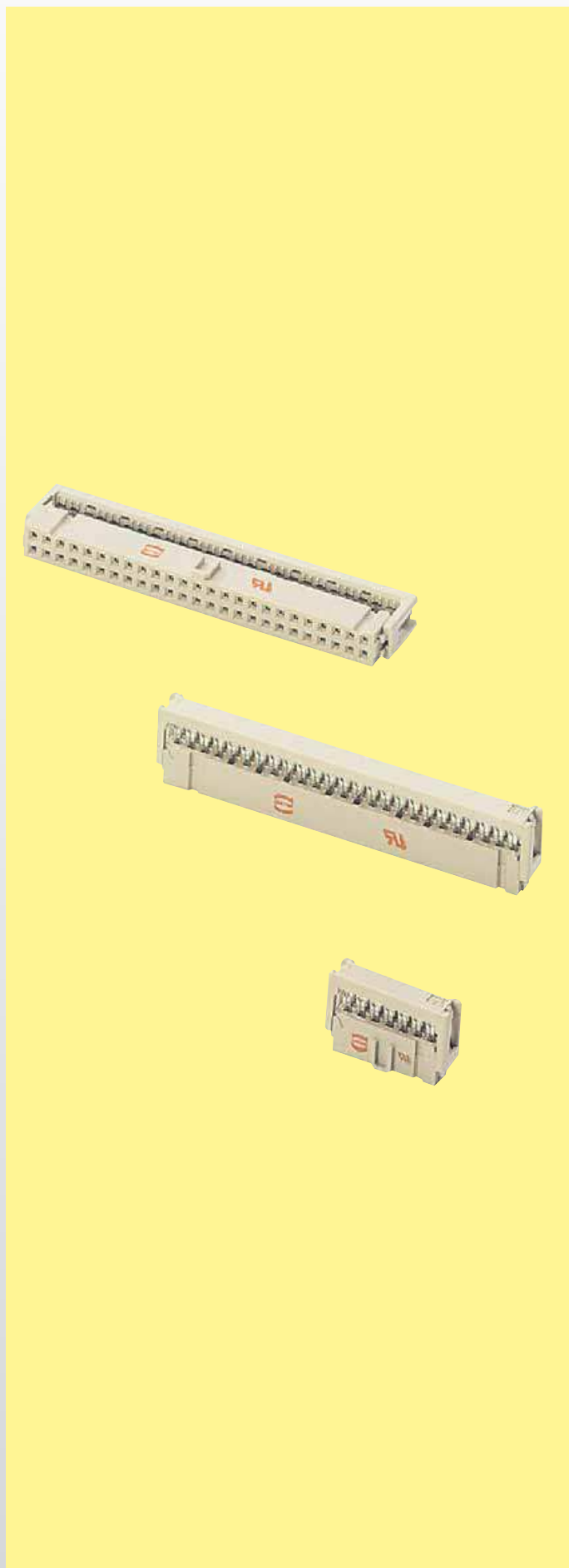


Number of contacts	6, 10, 14, 16, 20, 26, 30*, 34, 40, 50, 60, 64
Approvals	IEC 60 603-13 DIN EN 60 603-13 D 2632 BT 224 NFC 93-428 (HE 10) UL recognized: E102079 CSA: 98267 comply with MIL-C 83 503
Pitch	2.54 mm [0.100"]
Working current	1 A
Test voltage $U_{r.m.s.}$	1 kV
Contact resistance Insulation resistance	$\leq 20 \text{ m}\Omega$ $\geq 10^9 \Omega$
Temperature range	-55 °C ... + 125 °C The maximum temperature includes heating of contacts and ambient temperature
Terminations	IDC flat cable: AWG 26/7 – AWG 28/7
Materials	Moulding: Thermoplastic resin (PBTP) UL 94-V0 Contact surface ¹⁾ : <u>Contact zone</u> : gold-plated according to performance level ¹⁾ <u>Termination zone</u> : tinned



¹⁾ Performance level 3 as per IEC 603-13, ≥ 50 mating cycles, no gas test
 Performance level 2 as per IEC 603-13, ≥ 200 mating cycles, 4 days gas test
 as per MIL-C 83 503, $> 0.76 \mu\text{m Au}$ (30 μ inch), other performance levels on request

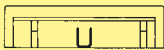
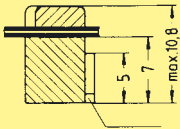
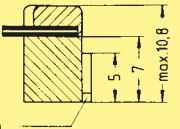
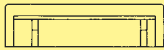
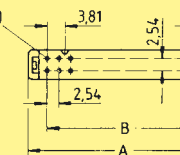
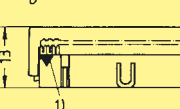
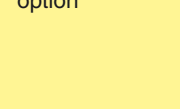
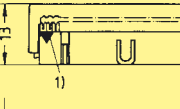
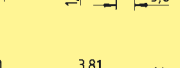
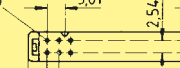
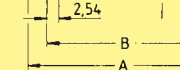
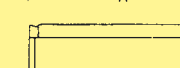
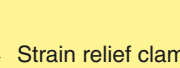
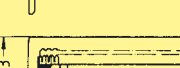
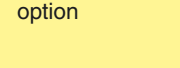
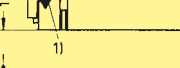
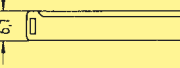
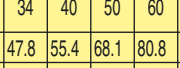
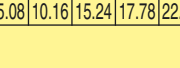
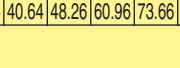
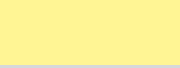
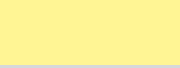
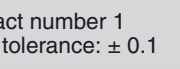
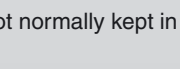
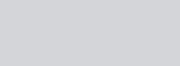
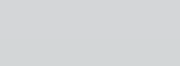
* on request

Number of contacts

6-64



Female connector

Identification	No. of contacts	Part No.		Drawing	Dimensions in mm
Female connector with central polarization without strain relief clamp 		open end cover	closed end cover	open end cover	closed end cover
					
Female connector without central polarization without strain relief clamp 		open end cover	closed end cover	open end cover	closed end cover
					
with strain relief clamp 				  Strain relief clamp option	
with strain relief clamp 				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
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				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	
				  Strain relief clamp option	

For performance level 3 please specify digit
 For performance level 2 please specify digit
 > 0.76 µm Au (30 pinch) on request

7
6
5 *

7
6
5 *

1) Contact number 1
 2) Pitch tolerance: ± 0.1

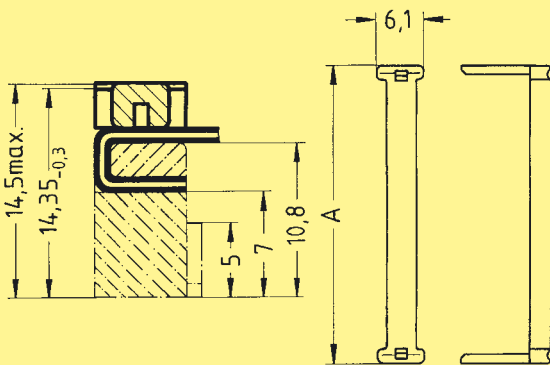
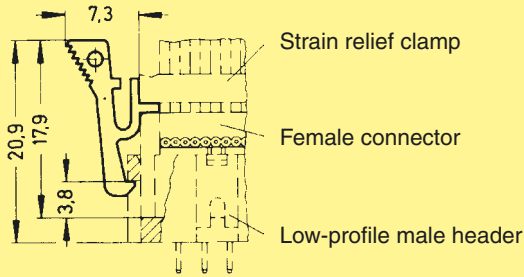
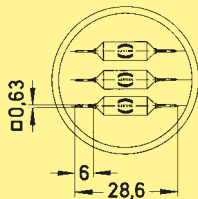
* Not normally kept in stock

Number of contacts

6-64



Strain relief clamp/Locking lever

Identification	No. of contacts	Part No.	Drawing	Dimensions in mm																								
Strain relief clamp	6	09 18 506 9002	<table><tr><th>No. of contacts</th><th>A</th></tr><tr><td>6</td><td>12.2</td></tr><tr><td>10</td><td>17.3</td></tr><tr><td>14</td><td>22.4</td></tr><tr><td>16</td><td>24.9</td></tr><tr><td>20</td><td>30.0</td></tr><tr><td>26</td><td>37.6</td></tr><tr><td>34</td><td>47.8</td></tr><tr><td>40</td><td>55.4</td></tr><tr><td>50</td><td>68.1</td></tr><tr><td>60</td><td>80.8</td></tr><tr><td>64</td><td>85.9</td></tr></table> 	No. of contacts	A	6	12.2	10	17.3	14	22.4	16	24.9	20	30.0	26	37.6	34	47.8	40	55.4	50	68.1	60	80.8	64	85.9	
	No. of contacts	A																										
	6	12.2																										
	10	17.3																										
	14	22.4																										
	16	24.9																										
	20	30.0																										
	26	37.6																										
	34	47.8																										
	40	55.4																										
	50	68.1																										
	60	80.8																										
	64	85.9																										
10	09 18 510 9002																											
14	09 18 514 9002																											
16	09 18 516 9002																											
20	09 18 520 9002																											
26	09 18 526 9002																											
34	09 18 534 9002																											
40	09 18 540 9002																											
50	09 18 550 9002																											
60	09 18 560 9002																											
64	09 18 564 9002																											
30 contacts on request																												
Locking lever for female connector Only in conjunction with low-profile male header and strain relief When the security of latching is required and space is a premium, these locking levers can be fitted onto the strain relief of the HARTING female connector. This can then be used in conjunction with male low profile headers (see pages 09.12 and 09.13).		09 18 000 9905 ¹⁾																										
Coding system with loss of contact To avoid cross-plugging adjacent connectors a coding system is required. A code pin is inserted into the appropriate cavity in the female connector. The corresponding male contact is removed by a special removal tool.		09 18 000 9901 ²⁾																										
Code pin		09 18 000 9901 ²⁾																										
Removal tool for male contacts		09 99 000 0133																										

¹⁾ Order 2 per female connector
²⁾ Part No. comprises 6 code pins