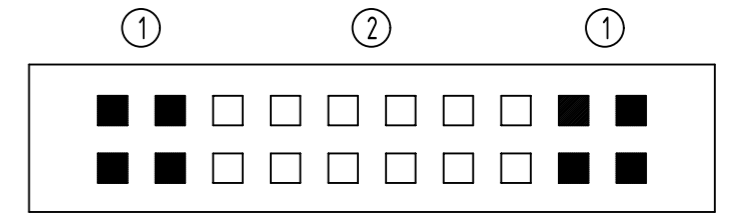


| Coding style table | |
|--------------------|---|
| | Style A: For connector 6 poles |
| | Style B: For connectors from 10 to 14 poles |
| | Style C: For connectors from 16 to 64 poles |



□ Straight contact
■ Kinked contact

| |
|---|
| ① Kinked pins |
| PCB thickness from 1,50 to 1,94 mm after Cu+Sn plating with non remelted plated through holes $\varnothing 0,85$ to $\varnothing 1,05$ mm Maximum insertion force = 125 N Minimum retention force = 3 N |
| ② Non kinked pins |
| Solder pins for PCB connections $\varnothing 1 \pm 0,1$ according to IEC 60603-13 |

-Find further technical information on drawings:
DS 09181200001 for 09185xxx024
DS 09191230202 for 09195xxx024

| | | | | |
|---|---|---------------------------|---|------------------------|
| | All Dimensions in mm Original Size DIN A3 | Scale 2:1 | Free size tol. | Ref. |
| All rights reserved | Created by DOUGE | Inspected by BAGDIKIAN | Standardisation HOFFMANN | Date 2013-11-07 |
| Department EC PD - FR | Title SEK male straight with kinked pins W/O lever | | | State Final Release |
| HARTING Electronics GmbH D-32339 Espelkamp | Type TB | Number 091X5XXX024 | Doc-Key / ECM-Nr. 100553520/UGD/001/A 50000067147 | Rev. A |
| | | | | Page 1/2 |

See table for coding feature arrangement and style

1st contact

| Performance Level | | | | Dimensions (mm) | | | | | |
|-------------------|--|--|---|-----------------|----------------------------|----------------------------|-------|-------|-------------------|
| | PL3 : 50 mating Cycles No Gas Test | PL2 : 250 mating Cycles 4 day Gas Test | S4 : 0,76µm Au or equivalent PdNi | | | | | | |
| Nb of Contacts | Part Number | Part Number | Part Number | Solder process | Contact Length ±0,3(mm) | A Max | C | D | E |
| 06 | 0918 506 7024 | 0918 506 6024 | 0918 506 5024 | wave Soldering | 2,9 | 27,2 | 22,86 | 12,45 | 2,54 x 2 = 5,08 |
| 10 | 0918 510 7024 | 0918 510 6024 | 0918 510 5024 | | | 32,3 | 27,94 | 17,53 | 2,54 x 4 = 10,16 |
| 14 | 0918 514 7024 | 0918 514 6024 | 0918 514 5024 | | | 37,4 | 33,02 | 22,61 | 2,54 x 6 = 15,24 |
| 16 | 0918 516 7024 | 0918 516 6024 | 0918 516 5024 | | | 39,9 | 35,56 | 25,15 | 2,54 x 7 = 17,78 |
| 20 | 0918 520 7024 | 0918 520 6024 | 0918 520 5024 | | | 45,0 | 40,64 | 30,23 | 2,54 x 9 = 22,86 |
| 24 | 0918 524 7024 | 0918 524 6024 | 0918 524 5024 | | | 50,1 | 45,72 | 35,91 | 2,54 x 11 = 27,94 |
| 26 | 0918 526 7024 | 0918 526 6024 | 0918 526 5024 | | | 52,6 | 48,26 | 37,85 | 2,54 x 12 = 30,48 |
| 30 | 0918 530 7024 | 0918 530 6024 | 0918 530 5024 | | | 58,0 | 53,34 | 43,83 | 2,54 x 14 = 35,56 |
| 34 | 0918 534 7024 | 0918 534 6024 | 0918 534 5024 | | | 62,8 | 58,42 | 48,01 | 2,54 x 16 = 40,64 |
| 40 | 0918 540 7024 | 0918 540 6024 | 0918 540 5024 | | | 70,4 | 66,04 | 55,63 | 2,54 x 19 = 48,26 |
| 50 | 0918 550 7024 | 0918 550 6024 | 0918 550 5024 | | | 83,1 | 78,74 | 68,33 | 2,54 x 24 = 60,96 |
| 60 | 0918 560 7024 | 0918 560 6024 | 0918 560 5024 | | | 95,8 | 91,44 | 81,03 | 2,54 x 29 = 73,66 |
| 64 | 0918 564 7024 | 0918 564 6024 | 0918 564 5024 | | | 100,9 | 96,52 | 86,11 | 2,54 x 31 = 78,74 |
| 06 | 0919 506 7024 | 0919 506 6024 | 0919 506 5024 | | | Wave & Reflow Soldering | 2,9 | 27,2 | 22,86 |
| 10 | 0919 510 7024 | 0919 510 6024 | 0919 510 5024 | 32,3 | 27,94 | | | 17,53 | 2,54 x 4 = 10,16 |
| 14 | 0919 514 7024 | 0919 514 6024 | 0919 514 5024 | 37,4 | 33,02 | | | 22,61 | 2,54 x 6 = 15,24 |
| 16 | 0919 516 7024 | 0919 516 6024 | 0919 516 5024 | 39,9 | 35,56 | | | 25,15 | 2,54 x 7 = 17,78 |
| 20 | 0919 520 7024 | 0919 520 6024 | 0919 520 5024 | 45,0 | 40,64 | | | 30,23 | 2,54 x 9 = 22,86 |
| 24 | 0919 524 7024 | 0919 524 6024 | 0919 524 5024 | 50,1 | 45,72 | | | 35,91 | 2,54 x 11 = 27,94 |
| 26 | 0919 526 7024 | 0919 526 6024 | 0919 526 5024 | 52,6 | 48,26 | | | 37,85 | 2,54 x 12 = 30,48 |
| 30 | 0919 530 7024 | 0919 530 6024 | 0919 530 5024 | 58,0 | 53,34 | | | 43,83 | 2,54 x 14 = 35,56 |
| 34 | 0919 534 7024 | 0919 534 6024 | 0919 534 5024 | 62,8 | 58,42 | | | 48,01 | 2,54 x 16 = 40,64 |
| 40 | 0919 540 7024 | 0919 540 6024 | 0919 540 5024 | 70,4 | 66,04 | | | 55,63 | 2,54 x 19 = 48,26 |
| 50 | 0919 550 7024 | 0919 550 6024 | 0919 550 5024 | 83,1 | 78,74 | | | 68,33 | 2,54 x 24 = 60,96 |
| 60 | 0919 560 7024 | 0919 560 6024 | 0919 560 5024 | 95,8 | 91,44 | | | 81,03 | 2,54 x 29 = 73,66 |
| 64 | 0919 564 7024 | 0919 564 6024 | 0919 564 5024 | 100,9 | 96,52 | | | 86,11 | 2,54 x 31 = 78,74 |

| | | | | | |
|---|-----------------------|--|------------------------|---|---------------------|
|  | All rights reserved | Scale 2:1 | Free size tol. | Ref. | |
| | Department EC PD - FR | Created by DOUGE | Inspected by BAGDIKIAN | Standardisation HOFFMANN | Date 2013-11-07 |
| HARTING Electronics GmbH D-32339 Espelkamp | | Title SEK male straight with kinked pins W/O lever | | | State Final Release |
| | | Type TB | Number 091X5XXX024 | Doc-Key / ECM-Nr. 100553520/UGD/001/A 50000067147 | |
| | | | | Rev. A | Page 2/2 |