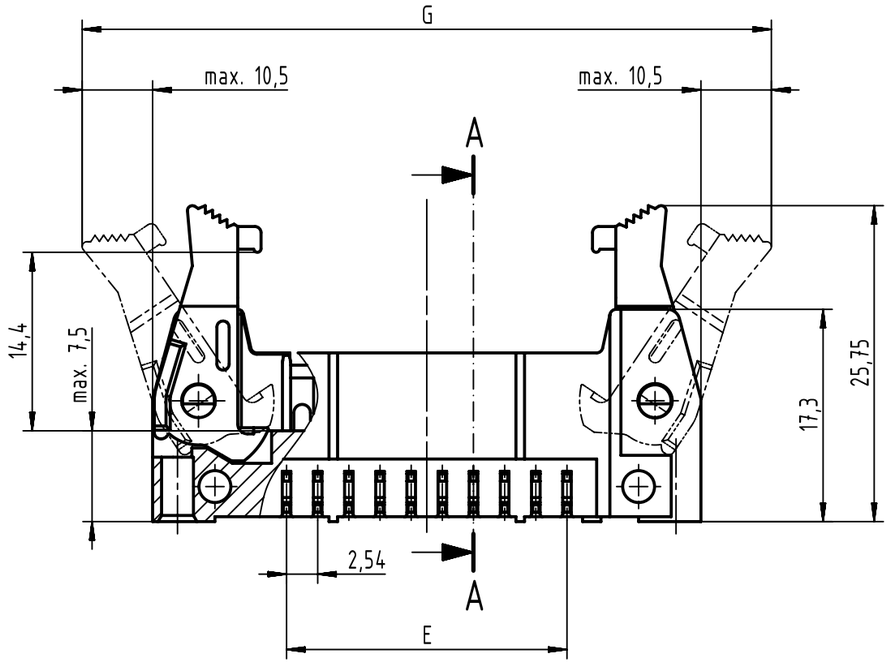
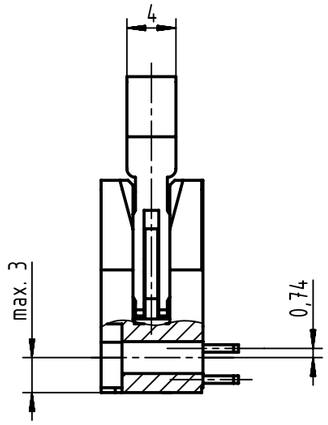
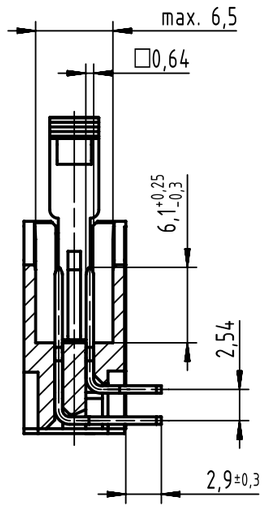
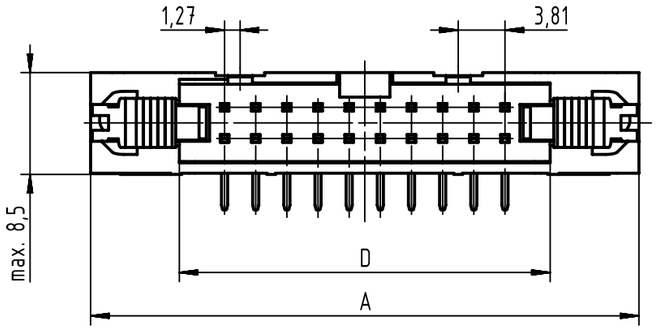
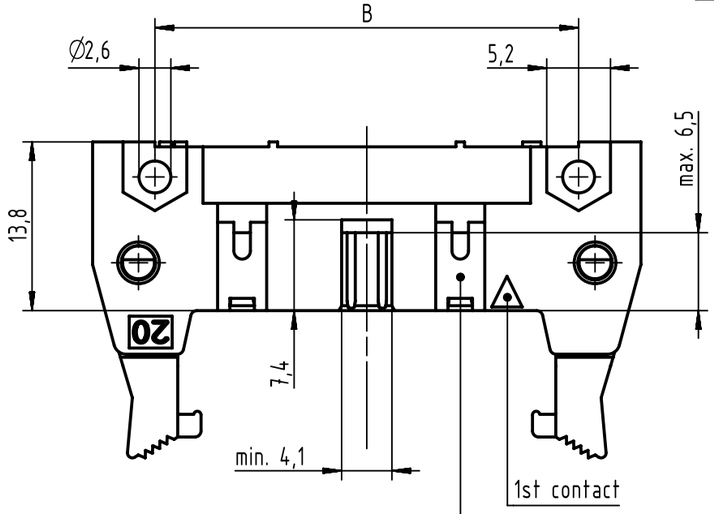




A-A

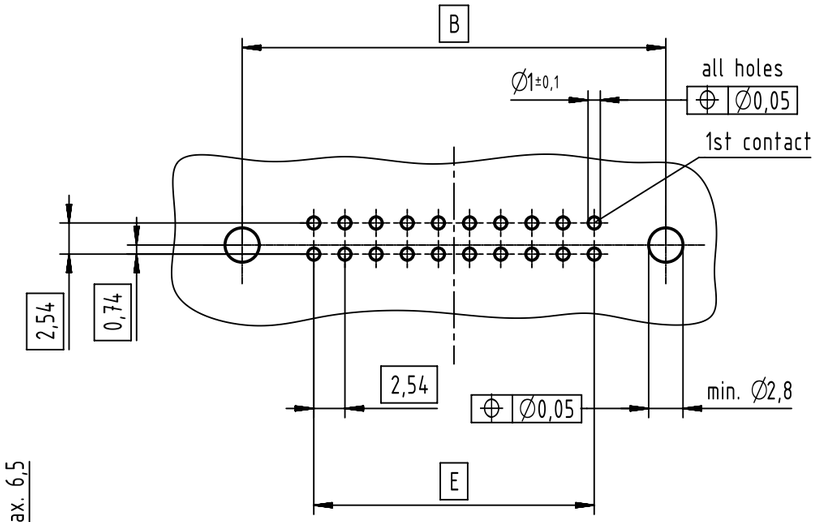


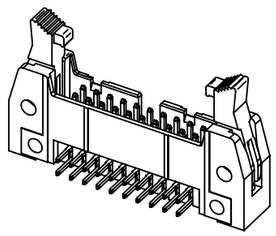




see table for coding,
feature arrangement and style

PCB layout
view component side
thickness 1,6

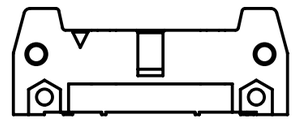




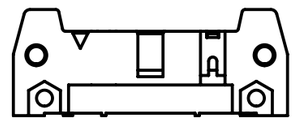
further information
see: DS 09181200001

full range of P/N's and
dimensions shown on page 2/2

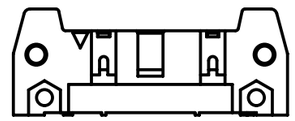
coding style table



style A:
for connectors 6-pole



style B:
for connectors
from 10 to 14-pole



style C:
for connectors
from 16 to 64-pole

All Dimensions in mm Original Size DIN A3	Scale 2:1	Free size tol. IEC 60603-13			Ref. Sub. TB 09185XXX903/903800 / 500000087654 / 2015-04-08
All rights reserved Department EC PD - DE	Created by STORCK	Inspected by TADJE	Standardisation KOHLER	Date 2015-12-21	State Final Release
HARTING Electronics GmbH D-32339 Espelkamp	Title SEK 18 male standard conn angled with long lever 2.9				Doc-Key / ECM-Nr. 100154464/UGD/016/A 500000094595
	Type TB	Number 09185XXX903		Rev. A	Page 1/2

A3

performance level					dimensions				
PL3	PL2	S4							
no. of contacts	part number	part number	part number	insulator colour	A max.	B	D	E	G
06	09 18 506 7903	09 18 506 6903	09 18 506 5903	grey	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
10	09 18 510 7903	09 18 510 6903	09 18 510 5903		32,3	21,84	17,53	2,54 x 4 = 10,16	45,4
14	09 18 514 7903	09 18 514 6903	09 18 514 5903		37,4	26,92	22,61	2,54 x 6 = 15,24	50,4
16	09 18 516 7903	09 18 516 6903	09 18 516 5903		39,9	29,46	25,15	2,54 x 7 = 17,78	53,0
20	09 18 520 7903	09 18 520 6903	09 18 520 5903		45,0	34,54	30,23	2,54 x 9 = 22,86	58,1
24	09 18 524 7903	09 18 524 6903	09 18 524 5903		50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 18 526 7903	09 18 526 6903	09 18 526 5903		52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 18 530 7903	09 18 530 6903	09 18 530 5903		58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 18 534 7903	09 18 534 6903	09 18 534 5903		62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 18 540 7903	09 18 540 6903	09 18 540 5903		70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 18 550 7903	09 18 550 6903	09 18 550 5903		83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 18 560 7903	09 18 560 6903	09 18 560 5903		95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 18 564 7903	09 18 564 6903	09 18 564 5903		100,9	90,42	86,11	2,54 x 31 = 78,74	113,9
06	09 18 506 7903 001	09 18 506 6903 001	09 18 506 5903 001	black	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
10	09 18 510 7903 001	09 18 510 6903 001	09 18 510 5903 001		32,3	21,84	17,53	2,54 x 4 = 10,16	45,4
14	09 18 514 7903 001	09 18 514 6903 001	09 18 514 5903 001		37,4	26,92	22,61	2,54 x 6 = 15,24	50,4
16	09 18 516 7903 001	09 18 516 6903 001	09 18 516 5903 001		39,9	29,46	25,15	2,54 x 7 = 17,78	53,0
20	09 18 520 7903 001	09 18 520 6903 001	09 18 520 5903 001		45,0	34,54	30,23	2,54 x 9 = 22,86	58,1
24	09 18 524 7903 001	09 18 524 6903 001	09 18 524 5903 001		50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 18 526 7903 001	09 18 526 6903 001	09 18 526 5903 001		52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 18 530 7903 001	09 18 530 6903 001	09 18 530 5903 001		58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 18 534 7903 001	09 18 534 6903 001	09 18 534 5903 001		62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 18 540 7903 001	09 18 540 6903 001	09 18 540 5903 001		70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 18 550 7903 001	09 18 550 6903 001	09 18 550 5903 001		83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 18 560 7903 001	09 18 560 6903 001	09 18 560 5903 001		95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 18 564 7903 001	09 18 564 6903 001	09 18 564 5903 001		100,9	90,42	86,11	2,54 x 31 = 78,74	113,9
06	09 18 506 7903 800	09 18 506 6903 800	09 18 506 5903 800	grey without printing	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
10	09 18 510 7903 800	09 18 510 6903 800	09 18 510 5903 800		32,3	21,84	17,53	2,54 x 4 = 10,16	45,4
14	09 18 514 7903 800	09 18 514 6903 800	09 18 514 5903 800		37,4	26,92	22,61	2,54 x 6 = 15,24	50,4
16	09 18 516 7903 800	09 18 516 6903 800	09 18 516 5903 800		39,9	29,46	25,15	2,54 x 7 = 17,78	53,0
20	09 18 520 7903 800	09 18 520 6903 800	09 18 520 5903 800		45,0	34,54	30,23	2,54 x 9 = 22,86	58,1
24	09 18 524 7903 800	09 18 524 6903 800	09 18 524 5903 800		50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 18 526 7903 800	09 18 526 6903 800	09 18 526 5903 800		52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 18 530 7903 800	09 18 530 6903 800	09 18 530 5903 800		58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 18 534 7903 800	09 18 534 6903 800	09 18 534 5903 800		62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 18 540 7903 800	09 18 540 6903 800	09 18 540 5903 800		70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 18 550 7903 800	09 18 550 6903 800	09 18 550 5903 800		83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 18 560 7903 800	09 18 560 6903 800	09 18 560 5903 800		95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 18 564 7903 800	09 18 564 6903 800	09 18 564 5903 800		100,9	90,42	86,11	2,54 x 31 = 78,74	113,9

All Dimensions in mm
Original Size DIN A3

Scale 1:1

Free size tol.

Ref.

Sub. TB 09185XXX903/903800 / 500000087654 / 2015-04-08

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Department EC PD - DE

Created by	Inspected by	Standardisation	Date	State
STORCK	TADJE	KOHLER	2015-12-21	Final Release

Title: SEK 18 male standard conn angled with long lever 2.9

Doc-Key / ECM-Nr.
100154464/UGD/016/A
500000094595

HARTING Electronics GmbH
D-32339 Espelkamp

Type TB | Number 09185XXX903 | Rev. A | Page 2/2

A3

Mouser Electronics

Authorized Distributor

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HARTING:

09185065903 09185067903 09185105903 09185106903 09185107903 09185146903 09185147903 09185165903 09185205903 09185206903 09185207903 09185265903 09185267903 09185346903 09185405903 09185407903 09185605903 09185606903 09185647903 09185507903 09185266903 09185645903 09185167903 09185646903 09185506903 09185406903 09185166903 09185505903 09185345903 09185607903 09185066903 09185145903 09185347903 09185305903 09185306903 09185206903001