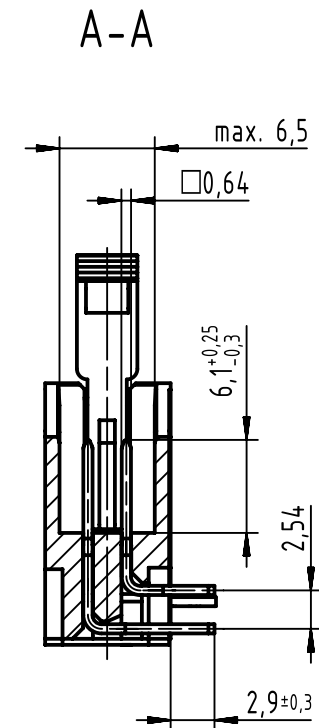
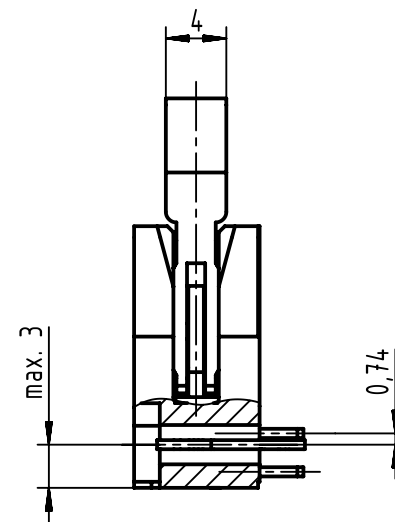
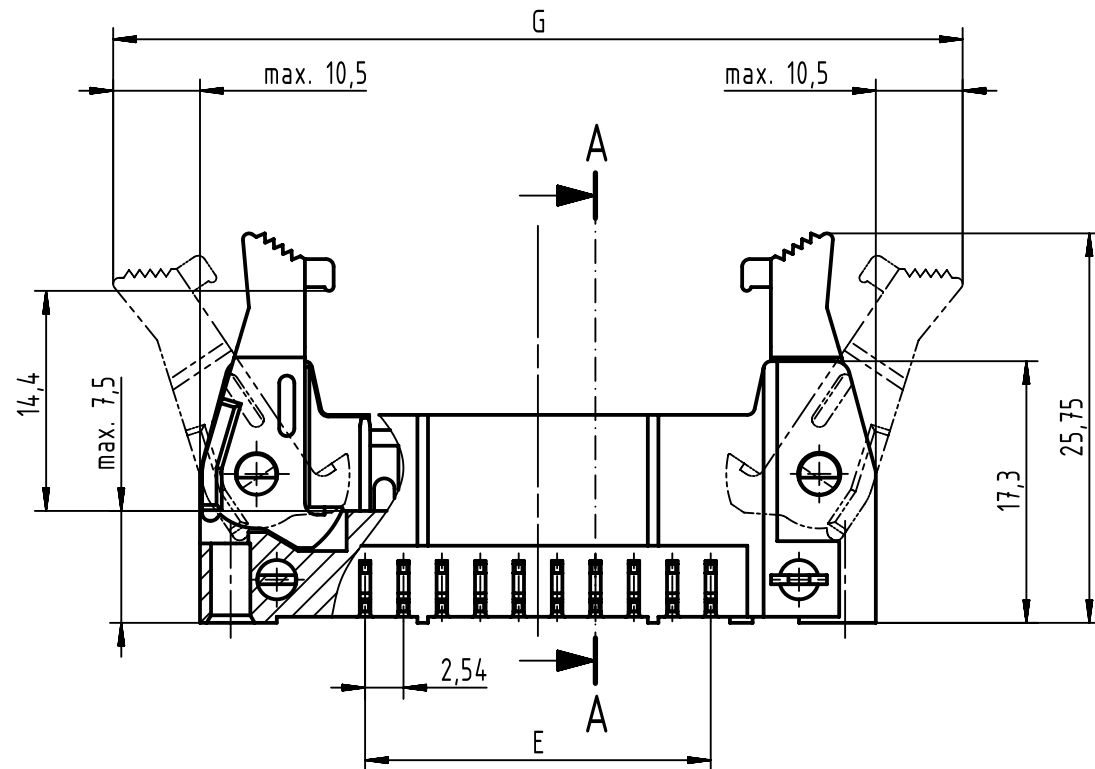
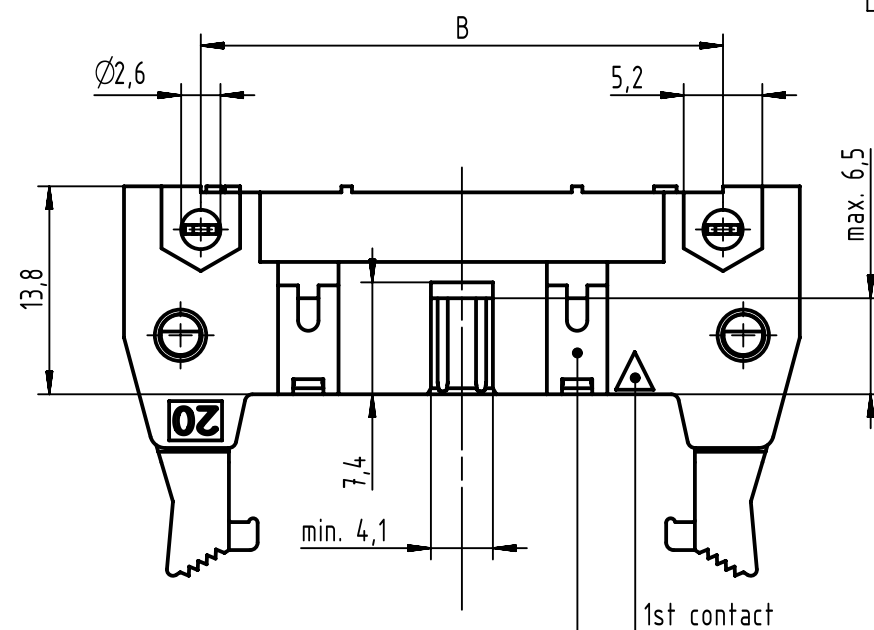
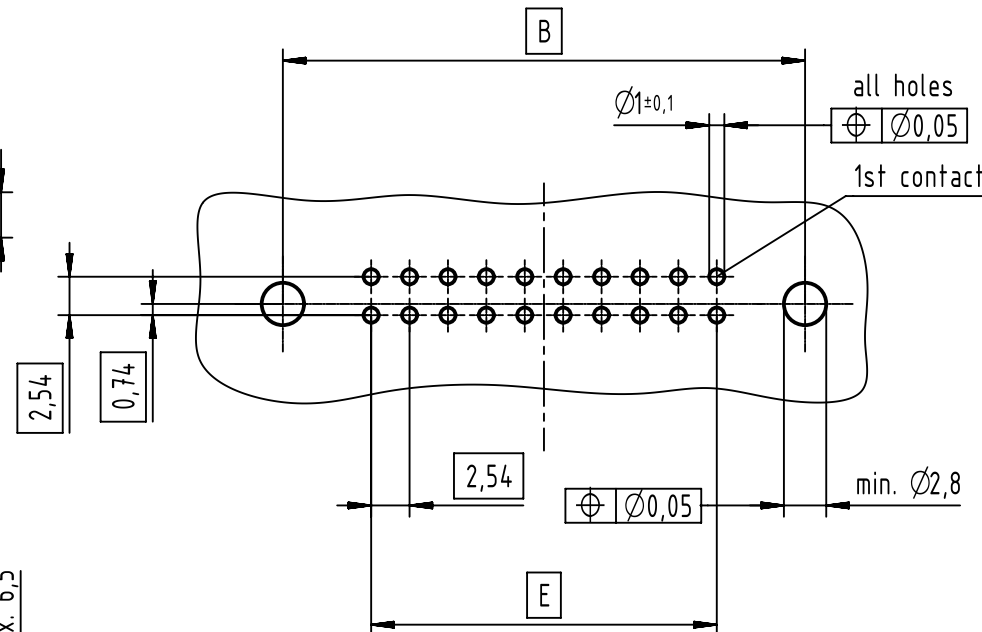
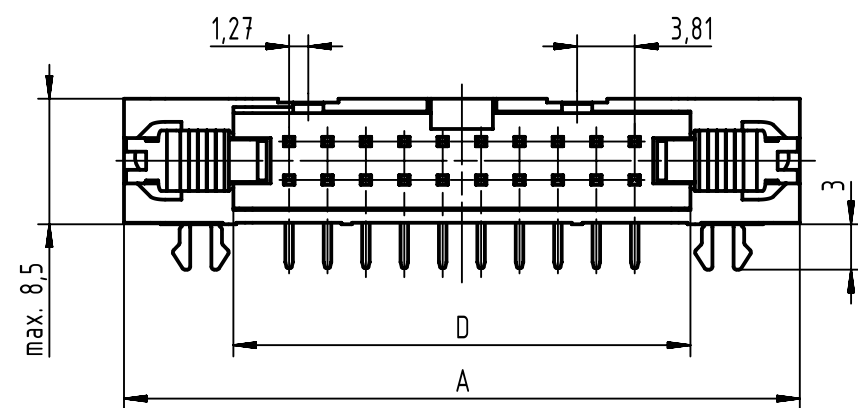
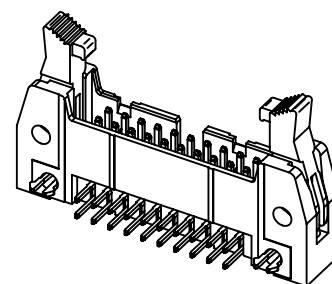




PCB layout
view component side
thickness up to 1,6



see table for coding,
feature arrangement and style



further information see:
DS 09181200001 for 09185XXX953
DS 09191130201 for 09195XXX953

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 091X5XXX953 / 500000087654 / 2015-04-08	
	All rights reserved Department EC PD - DE		Created by STORCK	Inspected by TADJE	Standardisation KOHLE	Date 2015-12-21	State Final Release
HARTING Electronics GmbH D-32339 Espelkamp		Title SEK 18/19 male STD conn angled w clip long lever 2.9					Doc-Key / ECM-Nr. 100154464/UGD/041/A 500000094644
		Type TB	Number 091X5XXX953			Rev. A	Page 1/2

1	2	3	4	5	6	7	8	
A								A
B								B
C								C
D								D
E								E
F								F
1	2	3	4	5	6	7	8	

performance level				solder process	insulator colour	dimensions				
no. of contacts	PL3 part number	PL2 part number	S4 part number			A max.	B	D	E	G
06	09 18 506 7953	09 18 506 6953	09 18 506 5953	wave soldering	grey	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
10	09 18 510 7953	09 18 510 6953	09 18 510 5953			32,3	21,84	17,53	2,54 x 4 = 10,16	45,4
14	09 18 514 7953	09 18 514 6953	09 18 514 5953			37,4	26,92	22,61	2,54 x 6 = 15,24	50,4
16	09 18 516 7953	09 18 516 6953	09 18 516 5953			39,9	29,46	25,15	2,54 x 7 = 17,78	53,0
20	09 18 520 7953	09 18 520 6953	09 18 520 5953			45,0	34,54	30,23	2,54 x 9 = 22,86	58,1
24	09 18 524 7953	09 18 524 6953	09 18 524 5953			50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 18 526 7953	09 18 526 6953	09 18 526 5953			52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 18 530 7953	09 18 530 6953	09 18 530 5953			58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 18 534 7953	09 18 534 6953	09 18 534 5953			62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 18 540 7953	09 18 540 6953	09 18 540 5953			70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 18 550 7953	09 18 550 6953	09 18 550 5953			83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 18 560 7953	09 18 560 6953	09 18 560 5953			95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 18 564 7953	09 18 564 6953	09 18 564 5953			100,9	90,42	86,11	2,54 x 31 = 78,74	113,9
06	09 19 506 7953	09 19 506 6953	09 19 506 5953			wave & reflow soldering	beige	27,2	16,76	12,45
10	09 19 510 7953	09 19 510 6953	09 19 510 5953	32,3	21,84			17,53	2,54 x 4 = 10,16	45,4
14	09 19 514 7953	09 19 514 6953	09 19 514 5953	37,4	26,92			22,61	2,54 x 6 = 15,24	50,4
16	09 19 516 7953	09 19 516 6953	09 19 516 5953	39,9	29,46			25,15	2,54 x 7 = 17,78	53,0
20	09 19 520 7953	09 19 520 6953	09 19 520 5953	45,0	34,54			30,23	2,54 x 9 = 22,86	58,1
24	09 19 524 7953	09 19 524 6953	09 19 524 5953	50,1	39,62			35,91	2,54 x 11 = 27,94	63,2
26	09 19 526 7953	09 19 526 6953	09 19 526 5953	52,6	42,16			37,85	2,54 x 12 = 30,48	65,7
30	09 19 530 7953	09 19 530 6953	09 19 530 5953	58,0	47,24			43,83	2,54 x 14 = 35,56	68,6
34	09 19 534 7953	09 19 534 6953	09 19 534 5953	62,8	52,32			48,01	2,54 x 16 = 40,64	75,8
40	09 19 540 7953	09 19 540 6953	09 19 540 5953	70,4	59,94			55,63	2,54 x 19 = 48,26	83,5
50	09 19 550 7953	09 19 550 6953	09 19 550 5953	83,1	72,64			68,33	2,54 x 24 = 60,96	96,2
60	09 19 560 7953	09 19 560 6953	09 19 560 5953	95,8	85,34			81,03	2,54 x 29 = 73,66	108,9
64	09 19 564 7953	09 19 564 6953	09 19 564 5953	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 091X5XXX953 / 500000087654 / 2015-04-08		
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HARTING Electronics GmbH D-32339 Espelkamp				Title SEK 18/19 male STD conn angled w clip long lever 2.9		Date 2015-12-21		State Final Release	
				Type TB		Number 091X5XXX953		Rev. A	
								Page 2/2	

no. of contacts	performance level			solder process	insulator colour	dimensions				
	PL3	PL2	S4			A max.	B	D	E	G
06	09 18 506 7953	09 18 506 6953	09 18 506 5953	wave soldering	grey	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
10	09 18 510 7953	09 18 510 6953	09 18 510 5953			32,3	21,84	17,53	2,54 x 4 = 10,16	45,4
14	09 18 514 7953	09 18 514 6953	09 18 514 5953			37,4	26,92	22,61	2,54 x 6 = 15,24	50,4
16	09 18 516 7953	09 18 516 6953	09 18 516 5953			39,9	29,46	25,15	2,54 x 7 = 17,78	53,0
20	09 18 520 7953	09 18 520 6953	09 18 520 5953			45,0	34,54	30,23	2,54 x 9 = 22,86	58,1
24	09 18 524 7953	09 18 524 6953	09 18 524 5953			50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 18 526 7953	09 18 526 6953	09 18 526 5953			52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 18 530 7953	09 18 530 6953	09 18 530 5953			58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 18 534 7953	09 18 534 6953	09 18 534 5953			62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 18 540 7953	09 18 540 6953	09 18 540 5953			70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 18 550 7953	09 18 550 6953	09 18 550 5953			83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 18 560 7953	09 18 560 6953	09 18 560 5953			95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 18 564 7953	09 18 564 6953	09 18 564 5953			100,9	90,42	86,11	2,54 x 31 = 78,74	113,9
06	09 19 506 7953	09 19 506 6953	09 19 506 5953	wave & reflow soldering	beige	27,2	16,76	12,45	2,54 x 2 = 5,08	40,3
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24	09 19 524 7953	09 19 524 6953	09 19 524 5953			50,1	39,62	35,91	2,54 x 11 = 27,94	63,2
26	09 19 526 7953	09 19 526 6953	09 19 526 5953			52,6	42,16	37,85	2,54 x 12 = 30,48	65,7
30	09 19 530 7953	09 19 530 6953	09 19 530 5953			58,0	47,24	43,83	2,54 x 14 = 35,56	68,6
34	09 19 534 7953	09 19 534 6953	09 19 534 5953			62,8	52,32	48,01	2,54 x 16 = 40,64	75,8
40	09 19 540 7953	09 19 540 6953	09 19 540 5953			70,4	59,94	55,63	2,54 x 19 = 48,26	83,5
50	09 19 550 7953	09 19 550 6953	09 19 550 5953			83,1	72,64	68,33	2,54 x 24 = 60,96	96,2
60	09 19 560 7953	09 19 560 6953	09 19 560 5953			95,8	85,34	81,03	2,54 x 29 = 73,66	108,9
64	09 19 564 7953	09 19 564 6953	09 19 564 5953			100,9	90,42	86,11	2,54 x 31 = 78,74	113,9



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All Dimensions in mm
Original Size DIN A3

Scale
1:1

Free size tol.

Created by
STORCK

Inspected by
TADJE

Standardisation
KOHLER

Date
2015-12-21

State
Final Release

Title
SEK 18/19 male STD conn angled w clip long lever 2.9

Type
TB

Number
091X5XXX953

Doc-Key / ECM-Nr.
100154464/UGD/041/A
500000094644

Rev.
A

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Ref.
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