

Rev.

Insulation material type	LCP
Insulation material colors	black
Insulation material flammability class	UL94 V-0
Insulation resistance	>0.5x10 ⁶ MOhm
Contact base material	CuSn
Contact plating (mating end)	see order sheet
Contact plating (solder end)	see order sheet

together with counterpart

BL 3.5	
3.5/0.138	
1	
>2.2	
25	
10	1)
10	1)
4.5	
-20..100	2)
finger safe/back of hands	
IP20/IP10	
3.2/0.126	
1.3+0.1/0.51+0.004	3)
n.a.	4)
-	5)
290/30	6)
class A	
Reflow	
1.2/0.047	

Coding possibility	yes/no	yes (accessory)
Joinable without loss of pitch	yes/no	no
Manual assembly of modules	yes/no	no
Max. number of poles	n	24

Rated cross section acc. to EN 60999	mm ²	n.a.		
Rated current @ 20°C ambient (together with)	A	16.8 (BL3.5)		
Rated current @ 40°C ambient (together with)	A	14.4 (BL3.5)		
Overvoltage category / Pollution degree		III/3	III/2	II/2
Rated voltage	V	160	160	250
Rated impulse voltage	kV	2.5	2.5	2.5

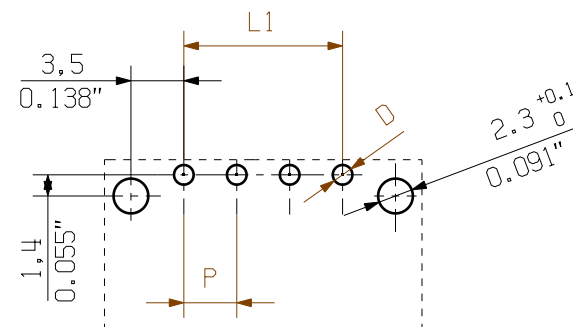
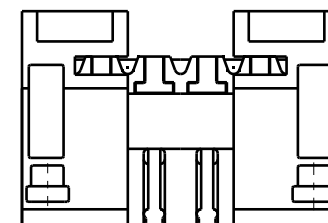
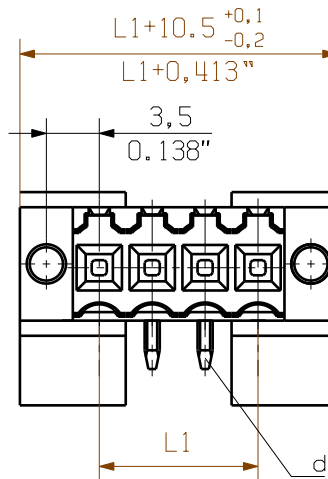
Rated voltage	V	300	-	300
Rated current	A	10	-	10
AWG wire range (field wiring / factory wiring)		n.a.		

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Rated current	10	-	10
AWG wire range (field wiring / factory wiring)	n.a.		

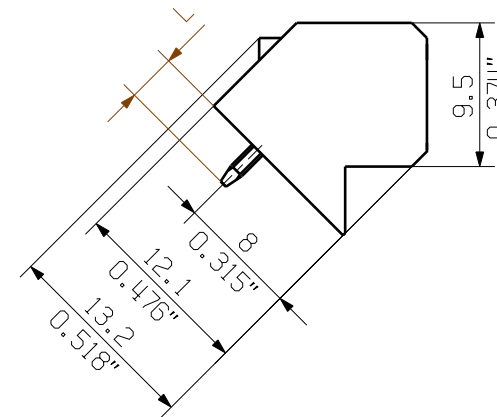
cardbox

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- Subject to technical changes



LAYOUT FINISHED HOLES



24	80,50	3,169
23	77,00	3,031
22	73,50	2,894
21	70,00	2,756
20	66,50	2,618
19	63,00	2,480
18	59,50	2,343
17	56,00	2,205
16	52,50	2,067
15	49,00	1,929
14	45,50	1,791
13	42,00	1,654
12	38,50	1,516
11	35,00	1,378
10	31,50	1,240
9	28,00	1,102
8	24,50	0,965
7	21,00	0,827
6	17,50	0,689
5	14,00	0,551
4	10,50	0,413
3	7,00	0,276
2	3,50	0,138
n	L1 [mm]	L1 [Inch]

SHOWN: SL3.5/4/135F

For the mounting of PCBs, it should be noted that the rated data given in the catalogue relates only to the connection elements. The necessary creepage and clearance paths must be observed in connection with the respective applicant in accordance with VDE 0110. The current-carrying capacity and pitch tolerance is to be determined according to DIN IEC 326 part 3 very fine.

Weidmüller connectors are tested to the DIN VDE 0627 standard, and are valid for its field of application. Provided that the connectors are used to the intended purpose, all requirements with respect to the occurring of electrical, mechanical, thermic and corrosive stress will be satisfied.

	METRIC TOLERANCES:						CAT.NO.: . . .		
	X. = ±0.3		39056/5 07.07.08 HELIS_MA		01			C 42538	01
	X.X = ±0.1								
X.XX = ±0.05		MODIFICATION				DRAWING NO.		ISSUE NO.	
						SHEET 02		OF 03 SHEETS	
				DATE		NAME		SL SMT 3.5/./135F STIFTLEISTE PIN HEADER	
		DRAWN		04.07.2008		HELIS_MA			
		RESPONSIBLE				HERTEL_S			
SCALE: 2/1		CHECKED		07.07.2008		HECKERT_M			
SUPERSEDES: .		APPROVED				HECKERT_M		PRODUCT FILE: SL-SMT 3.5	
								7312	