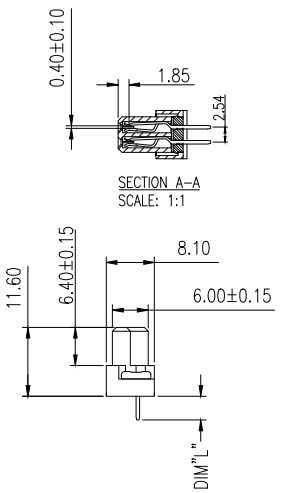
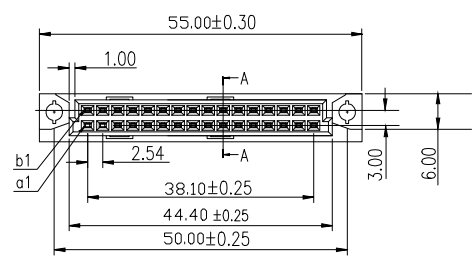
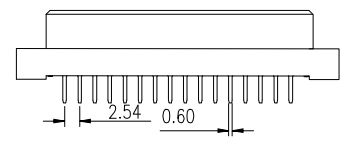


A

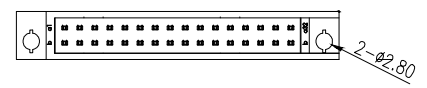


B

C

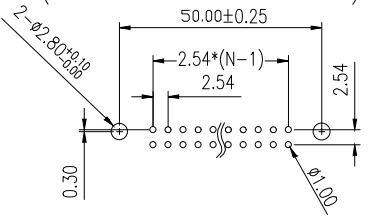


D



E

Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



F

Technical specifications:

Materials:

- Insulator: Glass-Filled PBT, Color: Grey, UL 94V-0
- Contact: Copper Alloy

Contact plating according DIN41612 performance classes:

- Performance class I (-1)
500 mating cycles min.
30u" AU plating on mating area, Gold Flash on non-mating area,
50u" Nickel underplating
100u" Sn plating on solder area over 50u" Nickel
- Performance class II (-2)
250 mating cycles min.
15u" AU plating on mating area, Gold Flash on non-mating area,
50u" Nickel underplating
100u" Sn plating on solder area over 50u" Nickel
- Performance class III (blank)
50 mating cycles min.
Gold flash on mating side over 50u" Nickel
100u" Sn plating on solder area over 50u" Nickel

Other specifications:

- Contact resistance: 20mOhm max.
Insulation resistance: 10¹²Ohm min.
Current rating: 2A
Operating temperature: -40°C to 105°C
Operating voltage: 125VAC
Test voltage: 1000VAC
Packaging: Tray

A

B

C

D

E

F

DIN41612 STYLE HALF B FEMALE STRAIGHT									
ORDERING CODE							CONTACT DETAILS		
Style	M=Male F=Female	No of pins	Rows loaded	Pin type	Plating Class	Pin length in mm	Cross section	Pin load	Pin type/direction
A - HB	F	xx	xx	x	- x				
Options (if another contact loading option is needed, please contact your sales office)									
A - HB	F	32	ab	T	- 1	4.00 (±0.25)	0.60x0.60(±0.03)	2x16	THT straight
		16	a	T2.5	2	2.50 (±0.25)	0.60x0.60(±0.03)	1x16	THT straight
		16	b	W5	blank	4.57 (±0.25)	0.60x0.60(±0.03)	1x16	THT straight

G

RoHS compliant

Unit:mm

Scale	Free	Date	Name	Description: DIN 41612
TOLERANCE		Drawn	18.04.2018	Winnie
X.	±X	Approved	17.08.2020	Winnie
X.X	±0.40			ASSMANN WSW-No.
X.XX	±0.25			A-HBFxxxxx-x
X.XXX	±0.15	① Change to new plant	17.08.2020	Winnie
DIM	TOL	② Drawn	18.04.2018	Winnie
Angle	±3°	Id.	Modification	Date



Drawing-No. ASS 7930 CO rev01

Customer-No. SHEET 1 / 1

G

H