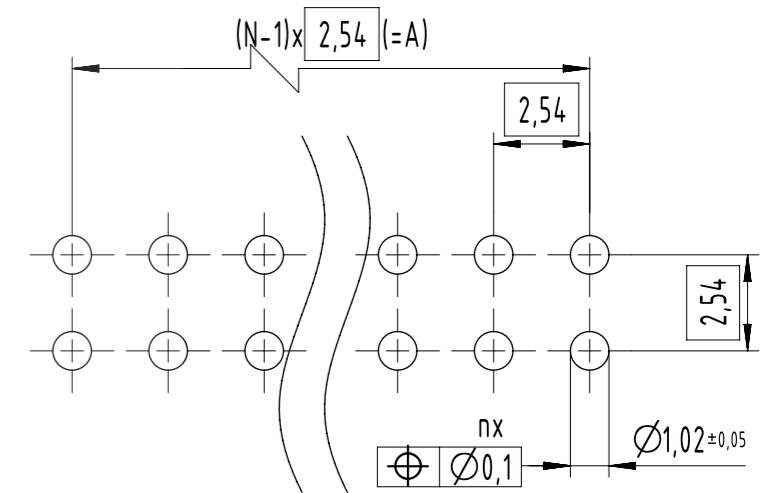


Recommended PCB layout(Top side)



Specifications:

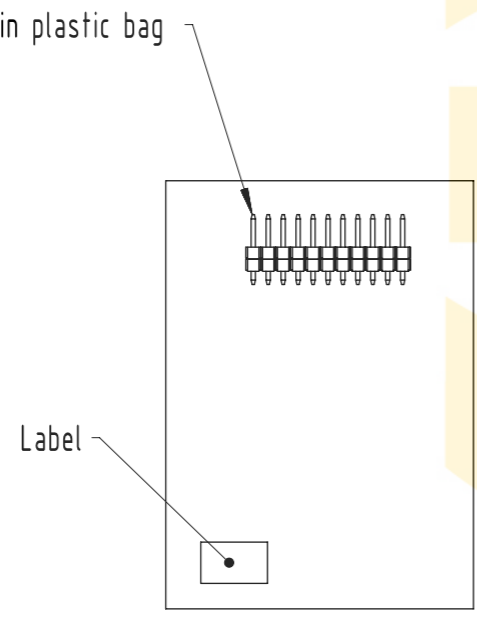
- Rated current: 3A
- Contact resistance: 20mΩ Max.
- Insulation resistance: 1000MΩ min.
- Test voltage: 1000V AC
- Operation temperature: -40°C to +105°C
- Contact material: Copper alloy
- Housing material: High temperature thermoplastic, Black, UL94V-0
- Max. processing temperature: 230°C for 60second or 260°C for 3second

Pushing Performance
Since 1947

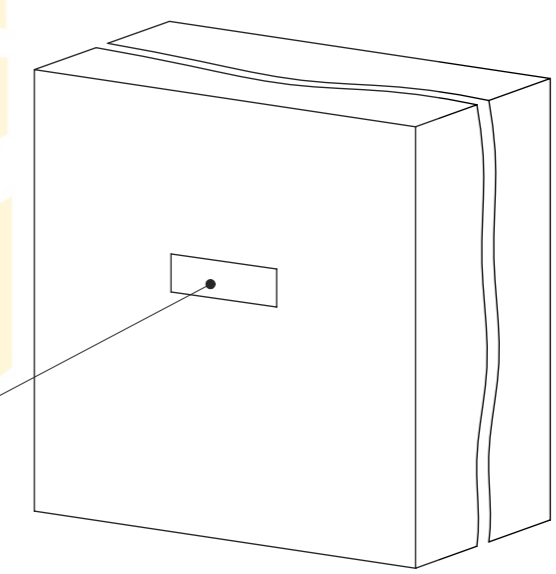
	All Dimensions in mm Original Size DIN A3		Scale 5:1	Free size tol.		Ref.	
	All rights reserved Department EL PD		Created by LUOK	Inspected by	Standardisation	Date 2022-10-18	State In Work
HARTING D-32339 Espelkamp		Title 2.54mm Dual Straight Rows Dual Wafers Pin Header THR				Doc-Key / ECM-Nr. 101034780/UGD/000/A	
		Type TB	Number 094945221XX14X			Rev. A	Page 1/2

② Total Pin Count	No. of Pins per row (=N)	Part number	A	B±0,5	① Contact plating
8	4	09494522108143	7.62	10.16	Au flash over Ni
10	5	09494522110143	10.16	12.70	
12	6	09494522112143	12.70	15.24	
14	7	09494522114143	15.24	17.78	
18	9	09494522118143	20.32	22.86	
20	10	09494522120143	22.86	25.40	
24	12	09494522124143	27.94	30.48	
30	15	09494522130143	35.56	38.10	
40	20	09494522140143	48.26	50.80	
50	25	09494522150143	60.96	63.50	

Connectors are packed in plastic bag



Put bags with connectors in carton



Pushing Performance
Since 1945

- ④ Customized insulator direction is possible, please contact our sales
- ③ Customized mating pin length is available
- ② Other Pin Count option is possible, please contact our sales
- ① Plating options : Tin (Sn) plating over Ni, 15u" and 30u" Gold (Au) plating over Ni are available

	All rights reserved Department EL PD	All Dimensions in mm Original Size DIN A3		Scale 1:1	Free size tol.	Ref. Sub.
		Created by LUOK	Inspected by	Standardisation	Date 2022-10-18	State In Work
HARTING D-32339 Espelkamp		Title 2.54mm Dual Straight Rows Dual Wafers Pin Header THR			Doc-Key / ECM-Nr. 101034780/UGD/000/A	
		Type TB	Number 094945221XX14X		Rev. A	Page 2/2