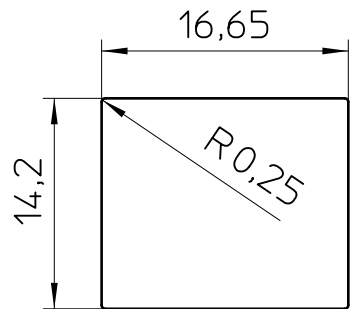


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Recommended panel cutout



Phoenix Logo

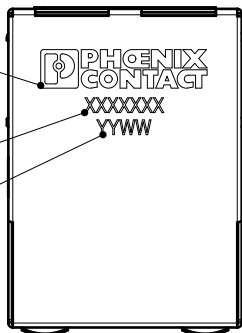
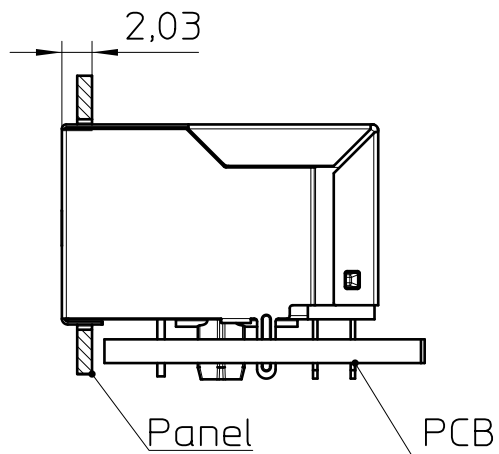
Lasered 2,6 mm H

Phoenix Part Number

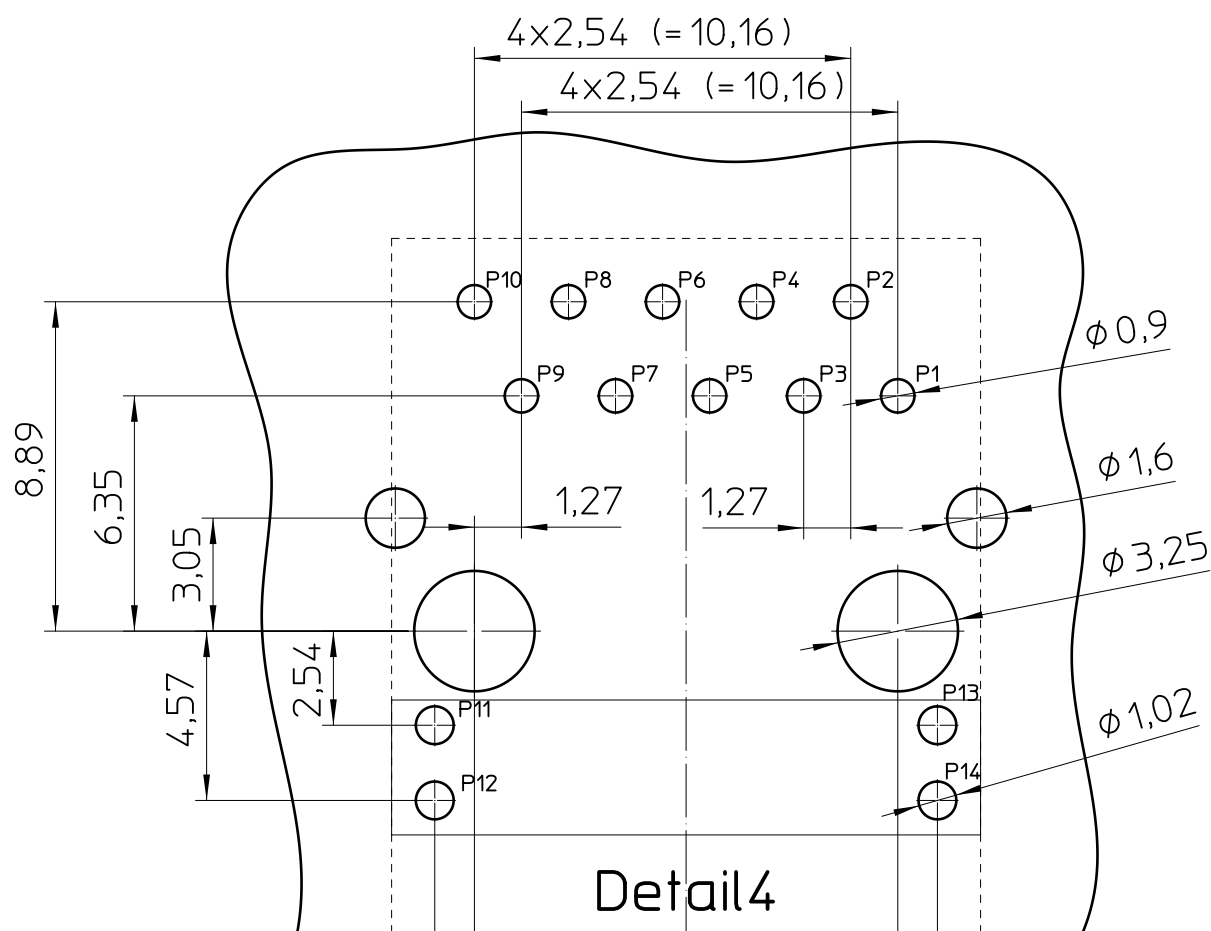
1 mm H

Date Code

1 mm H



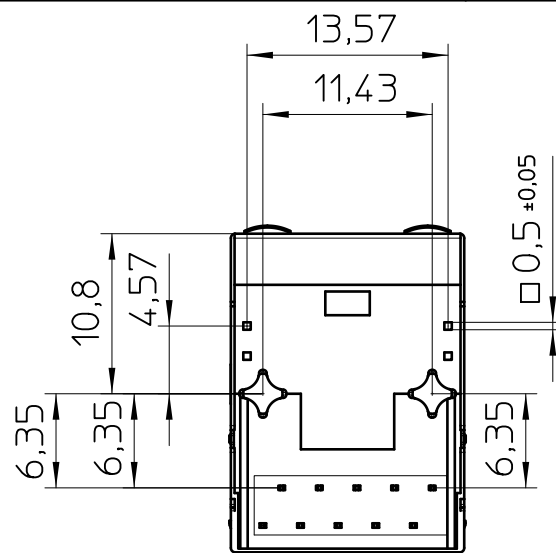
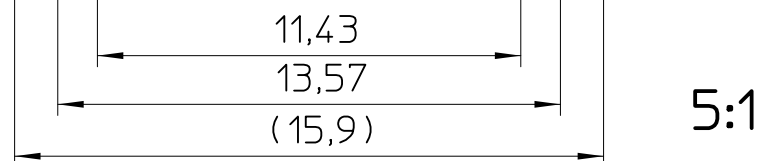
PCB drill hole dimensions (see from component side)



Recommended PCB Layout

Tol: ±0,05 mm

T=1,60±0,15 mm



Detail1

15,75

Detail3

8,5

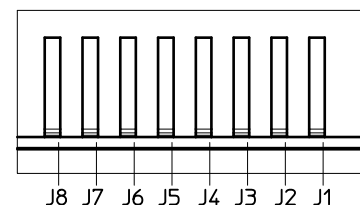
LED 1
GREEN

LED 2
YELLOW

Detail2

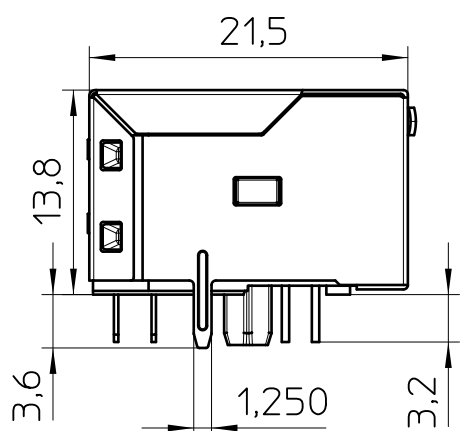
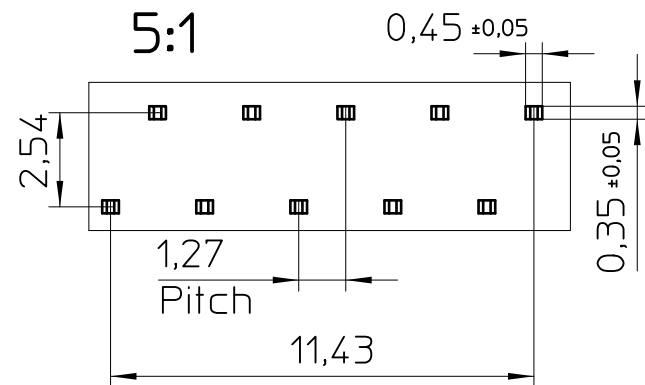
Detail3

5:1



Detail1

5:1



Detail4

5:1

LED 1
GREEN
P11
P12

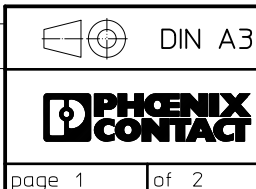
LED 2
YELLOW
P13
P14

LED-Specifications		
LED	Forward Voltage (max)	*Forward Voltage (Typical)
GREEN	2,4 V	2,2 V
YELLOW	2,5 V	2,1 V

*Forward DC current: 20 mA

General Tolerances

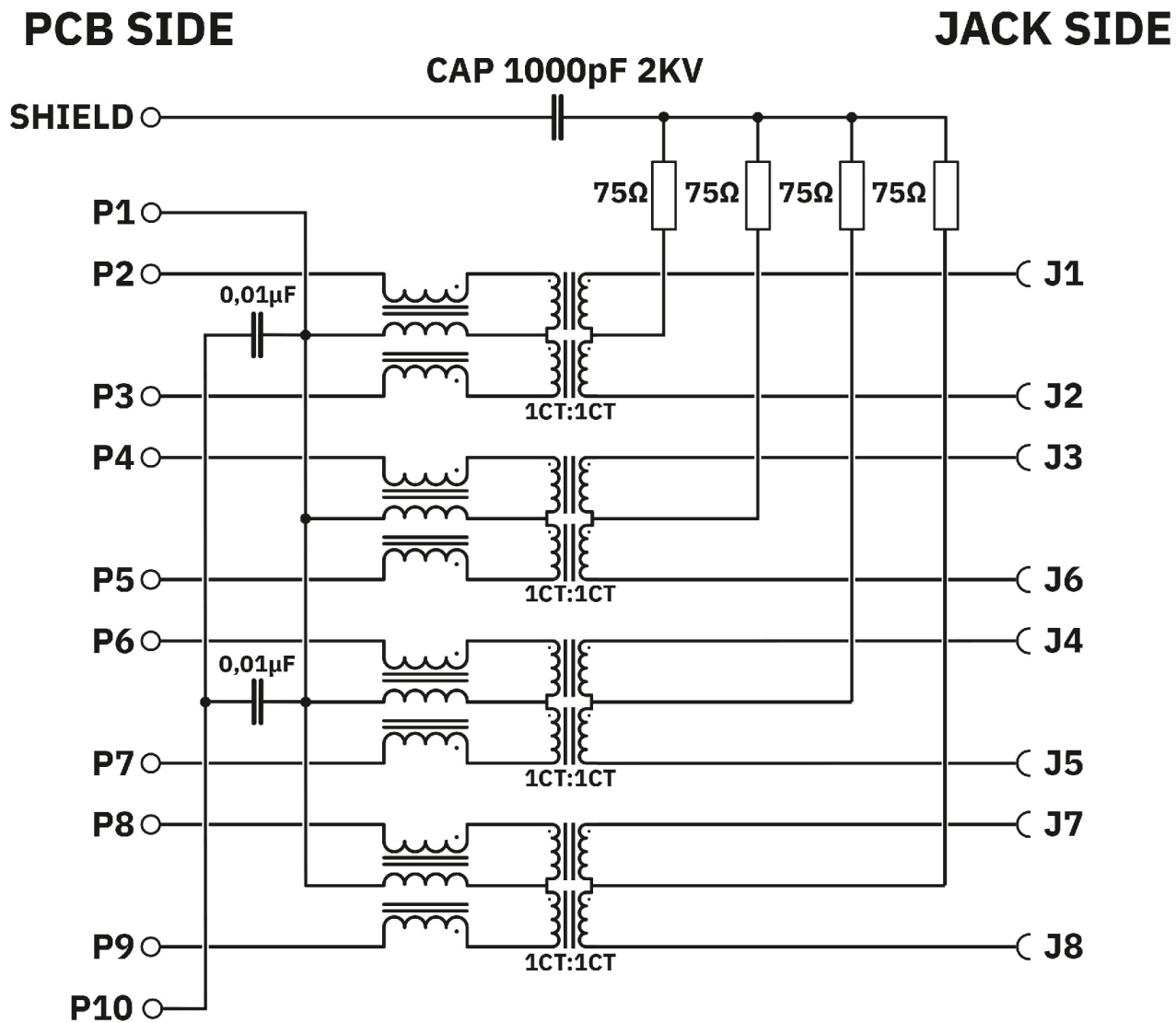
1 Decimal Place	±0,25
2 Decimal Places	±0,20
3 Decimal Places	±0,15



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date	document-type			
07.11.2024	TECDOC 2D_Productfamily			
description				
CUC-IB8G-J1ST-AT/R4T-L1				

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ELECTRONICAL SPECIFICATIONS

- 1. ACCORDING TO IEEE 802.3**
- 2. TURN RATIO @100KHz:** (P2~P3):(J1~J2) = **1:1±5%**
(P4~P5):(J3~J6) = **1:1±5%**
(P6~P7):(J4~J5) = **1:1±5%**
(P8~P9):(J7~J8) = **1:1±5%**
- 3. PRIMARY INDUCTANCE:** **350μH MIN @100KHz**
0,1V 8mA DC BIAS
- 4. DC RESISTANCE:** **1,2 OHMS MAX**
- 5. INSERTION LOSS:** **1-100MHz -1,0dB MAX**
100-125MHz -1,2dB MAX
- 6. RETURN LOSS:** **1-40MHz -16dB MIN**
40-60MHz -12dB MIN
60-80MHz -10dB MIN
80-100MHz -8dB MIN
- 7. CROSS TALK:** **1-100MHz -30dB MIN**
- 8. COMMON TO COMMON MODE ATTENUATION:** **1-100MHz -30dB MIN**
- 9. ISOLATION: PHY SIDE TO LINE SIDE: 2250VDC**

- EN ISO 291 23/50

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