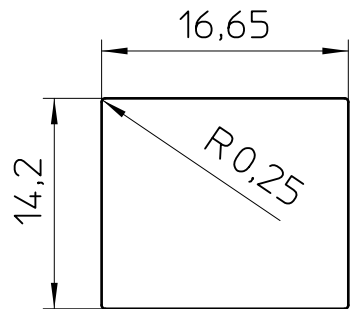


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Recommended panel cutout



Phoenix Logo

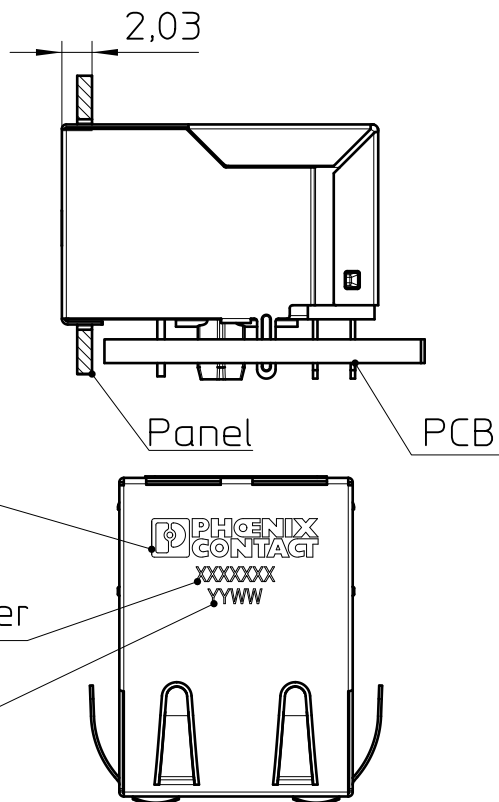
Lasered 2,6 mm H

Phoenix Part Number

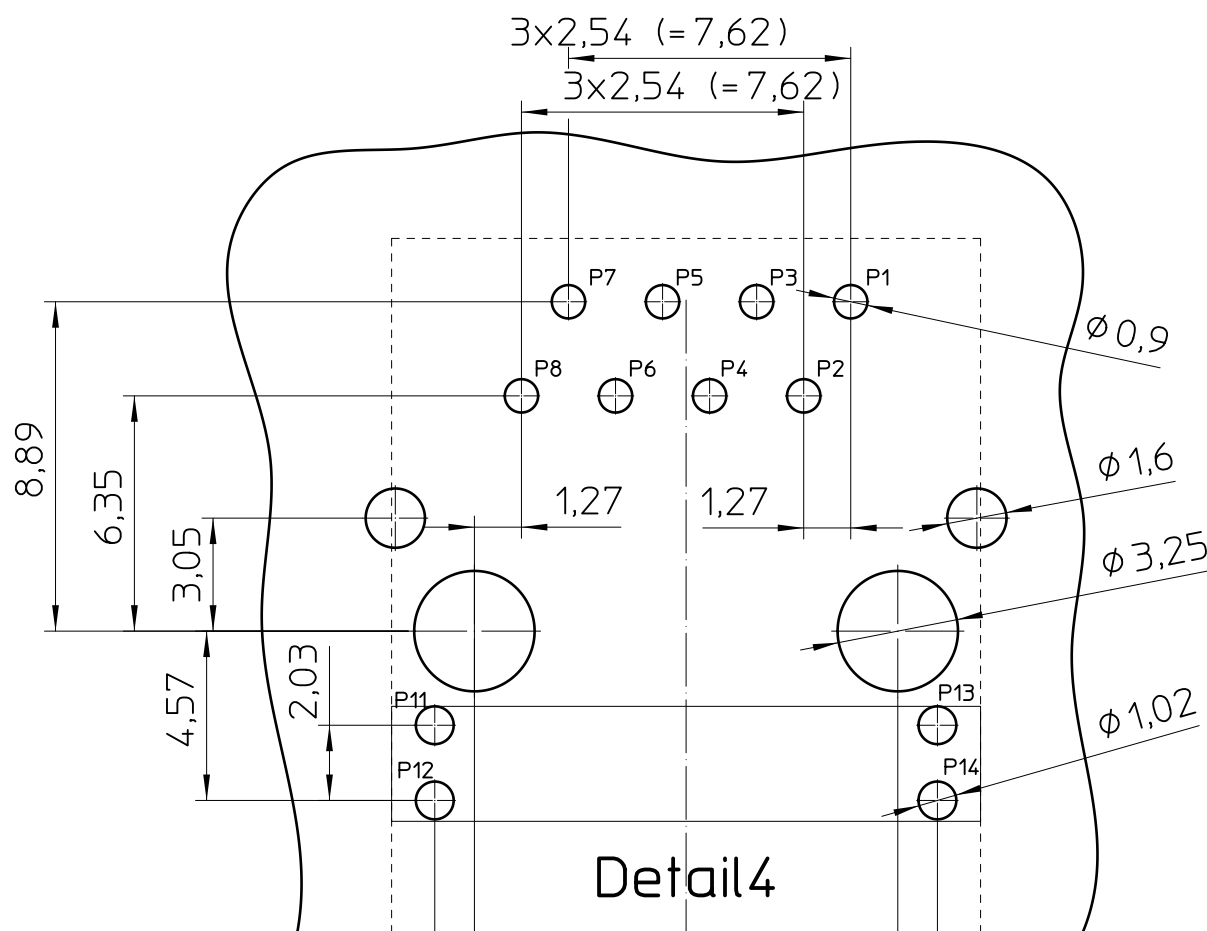
1 mm H

Date Code

1 mm H



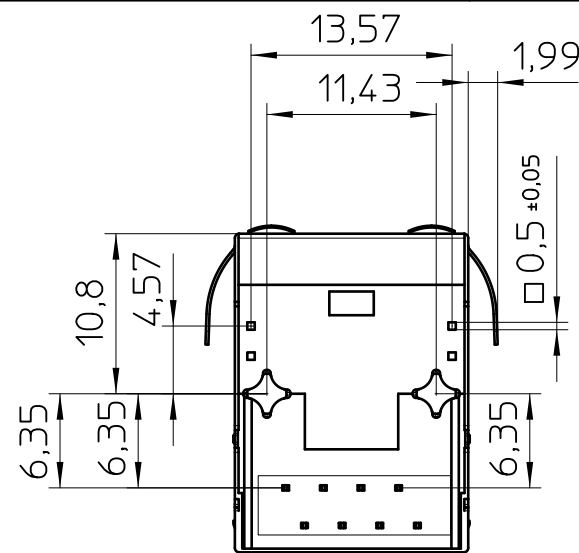
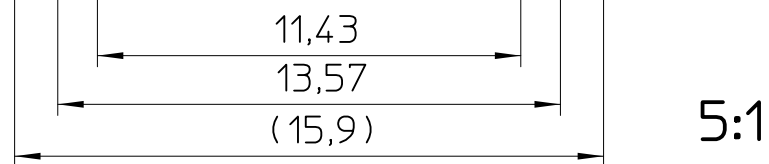
PCB drill hole dimensions (see from component side)



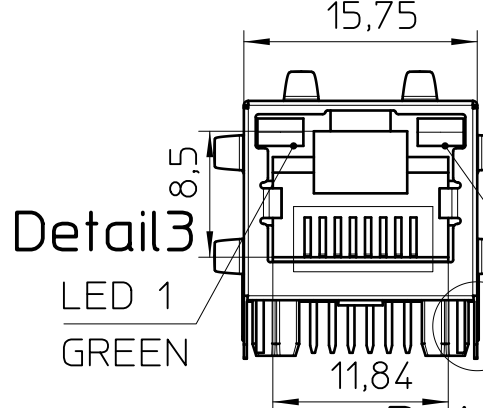
Recommended PCB Layout

Tol: $\pm 0,05$ mm

T=1,60 $\pm 0,15$ mm



Detail1



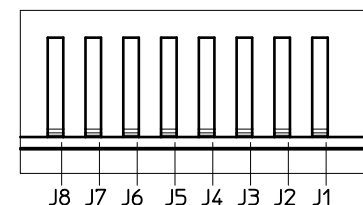
LED 1
GREEN

LED 2
YELLOW

Detail2

Detail3

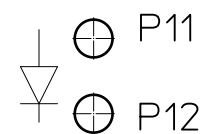
5:1



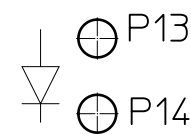
Detail4

5:1

LED 1
GREEN



LED 2
YELLOW



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	$\pm 0,25$
2 Decimal Places	$\pm 0,20$
3 Decimal Places	$\pm 0,15$



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scale
2:1

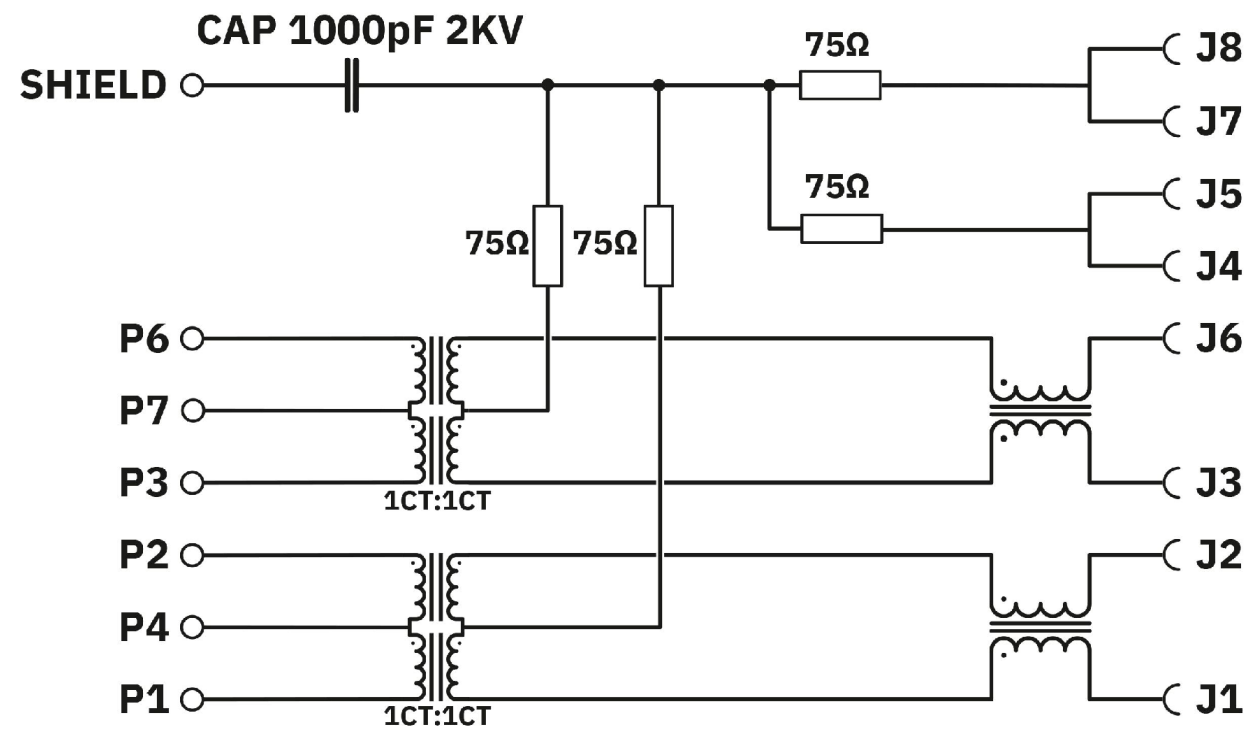
- Simplified representation
- Document excluded
from change process
- Linear dimensions [mm]

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PCB SIDE

JACK SIDE



ELECTRONICAL SPECIFICATIONS

1. ACCORDING TO IEEE 802.3
2. TURN RATIO @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(J3~J6) = 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 -1,2dB MAX
6. RETURN LOSS: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB 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: 1500VAC or 2250VDC

- EN ISO 291 23/50

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	date 07.11.2024	document-type TECDOC 2D_Productfamily			
	description CUC-IB5M-J1ST-AT/R4T-PL1				
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