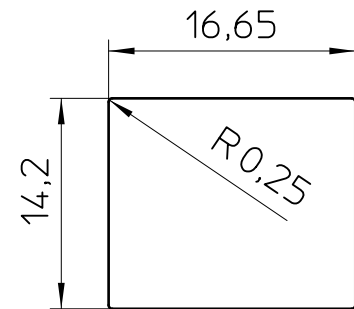


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Recommended panel cutout



Phoenix Logo

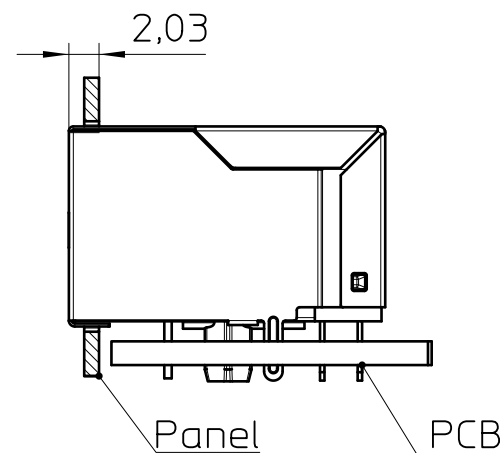
Lasered 2,6 mm H

Phoenix Part Number

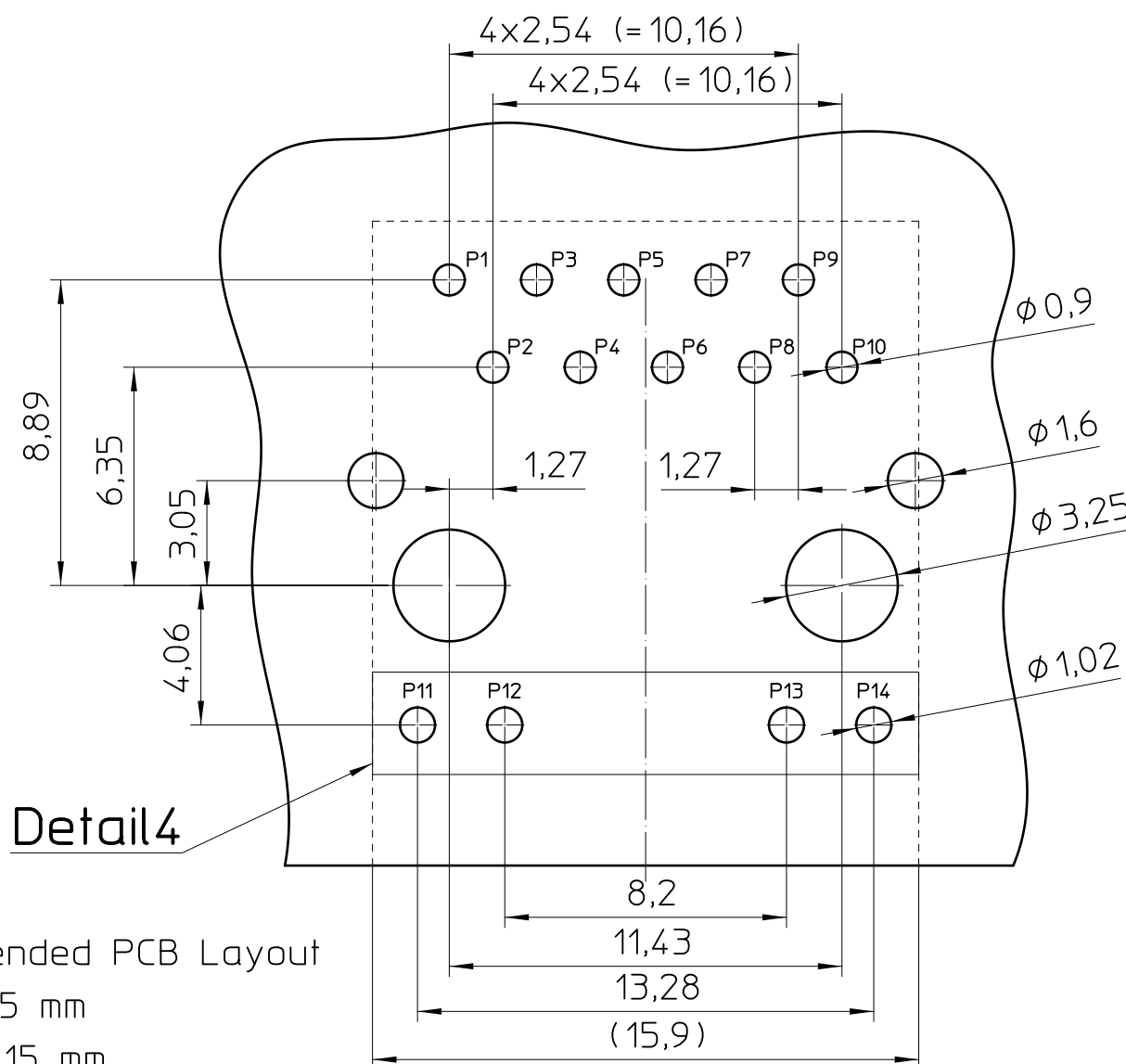
1 mm H

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

Detail3

LED 1
GREEN

LED 2
YELLOW

Detail1

5:1

Detail2

5:1

Detail3

5:1

Detail4

5:1

LED 1
GREEN

LED 2
YELLOW

P11—▷ P12

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

DIN A3



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04.11.2024

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scale
2:1

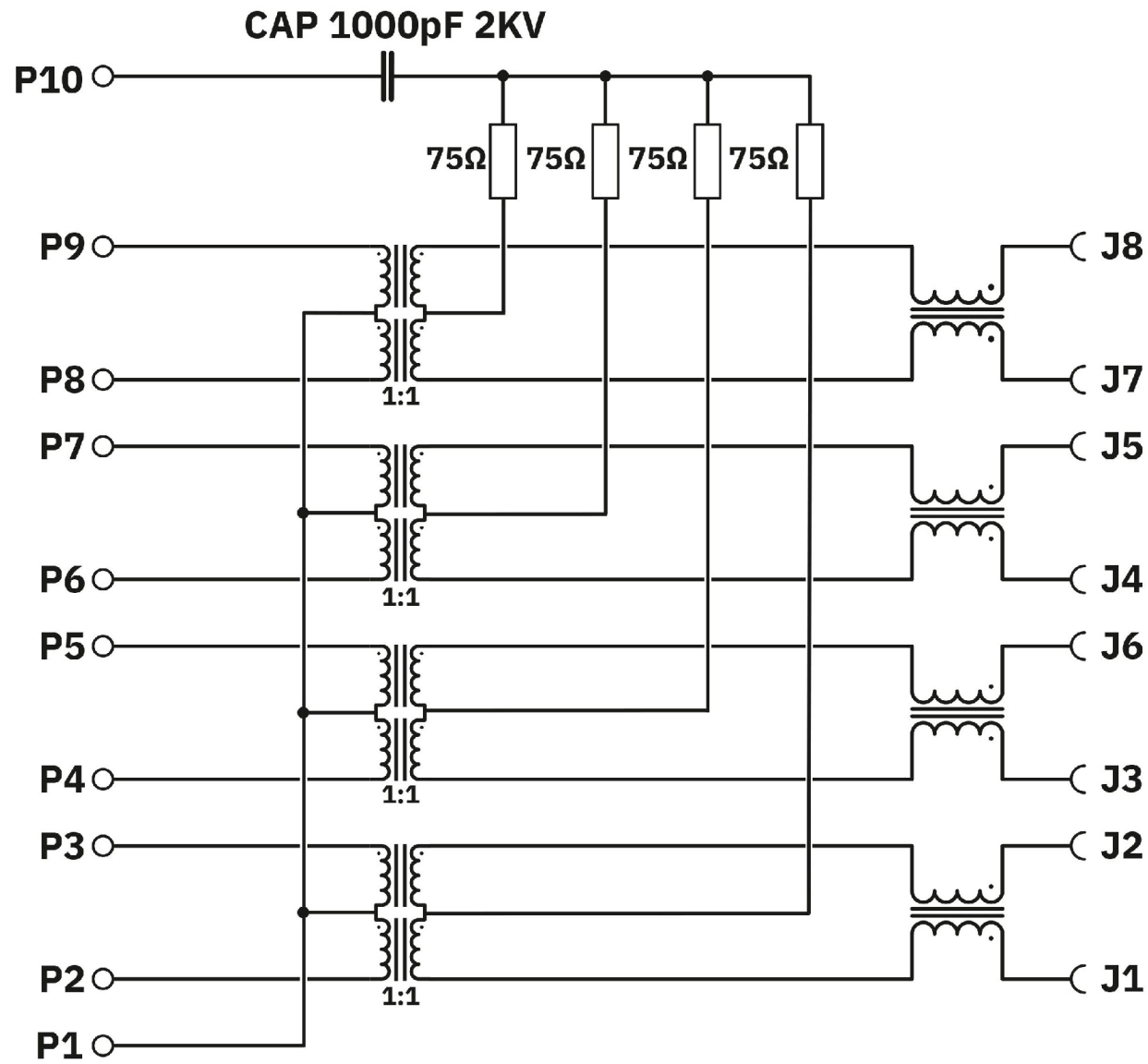
- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]

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PCB SIDE

JACK SIDE



ELECTRONICAL SPECIFICATIONS

1. ACCORDING TO IEEE 802.3

2. TURN RATIO @100KHz: (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 TYP

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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		date 04.11.2024		document-type TECDOC 2D_Productfamily					
page 2		of 2		description CUC-IA1G-J1ST-AB/R4T-L1					