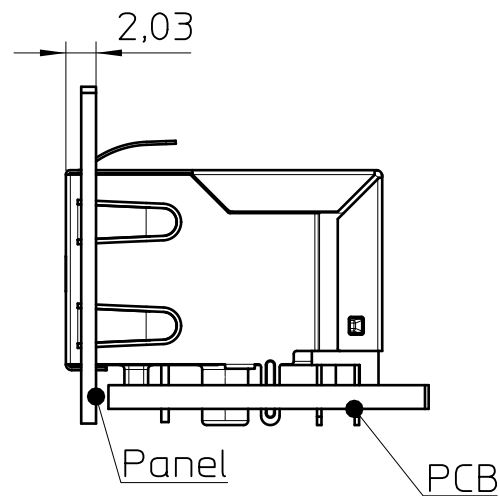
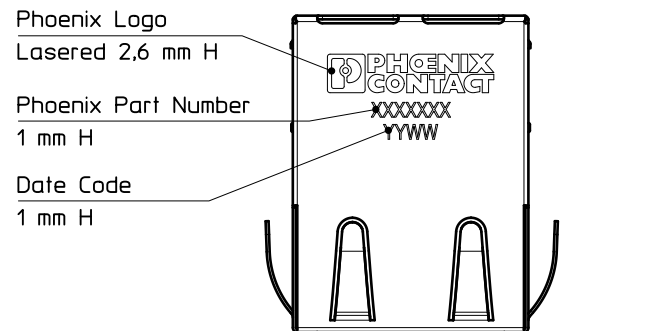
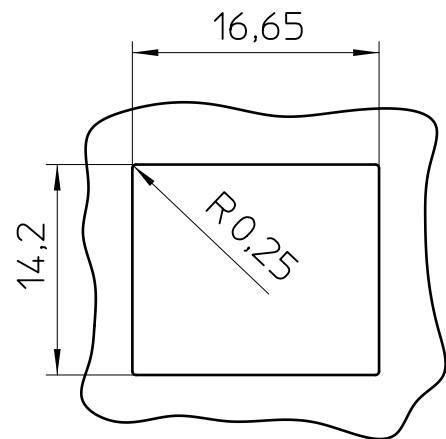


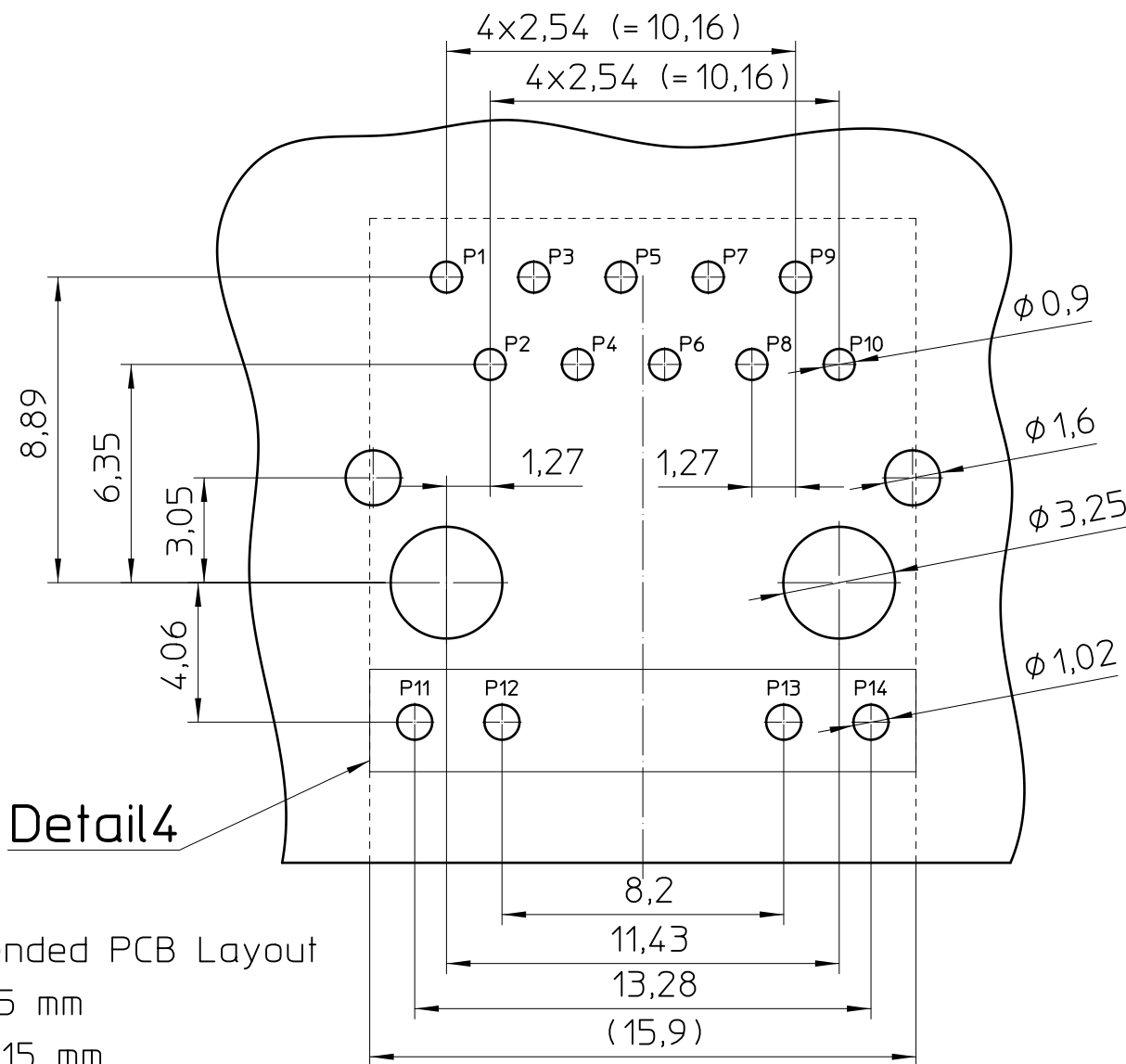
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Recommended panel cutout



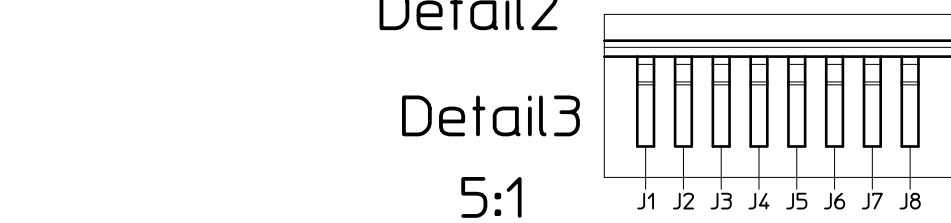
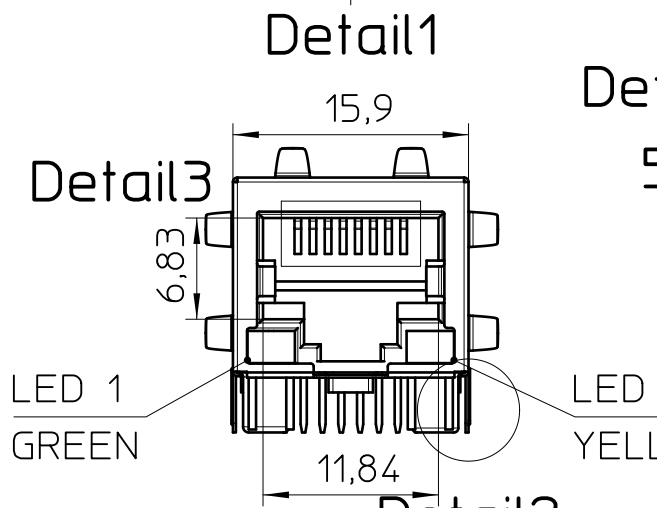
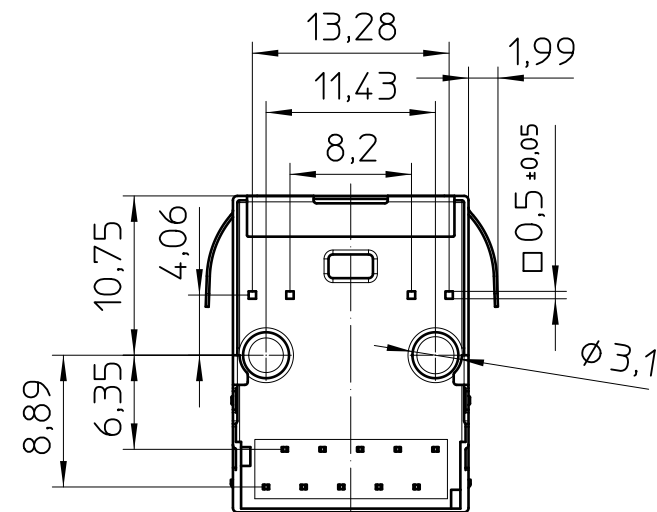
PCB drill hole dimensions (see from component side)



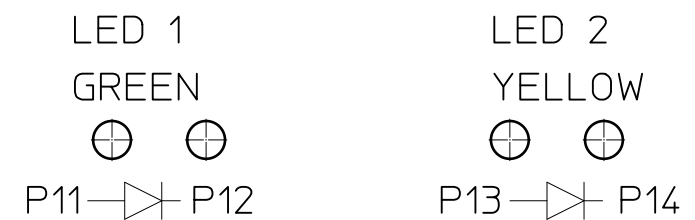
Recommended PCB Layout

Tol: $\pm 0,05$ mm

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



Detail4



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	$\pm 0,15$



page 1 of 2

document-no. / ri 01739219 / 00 article-no. 1664094

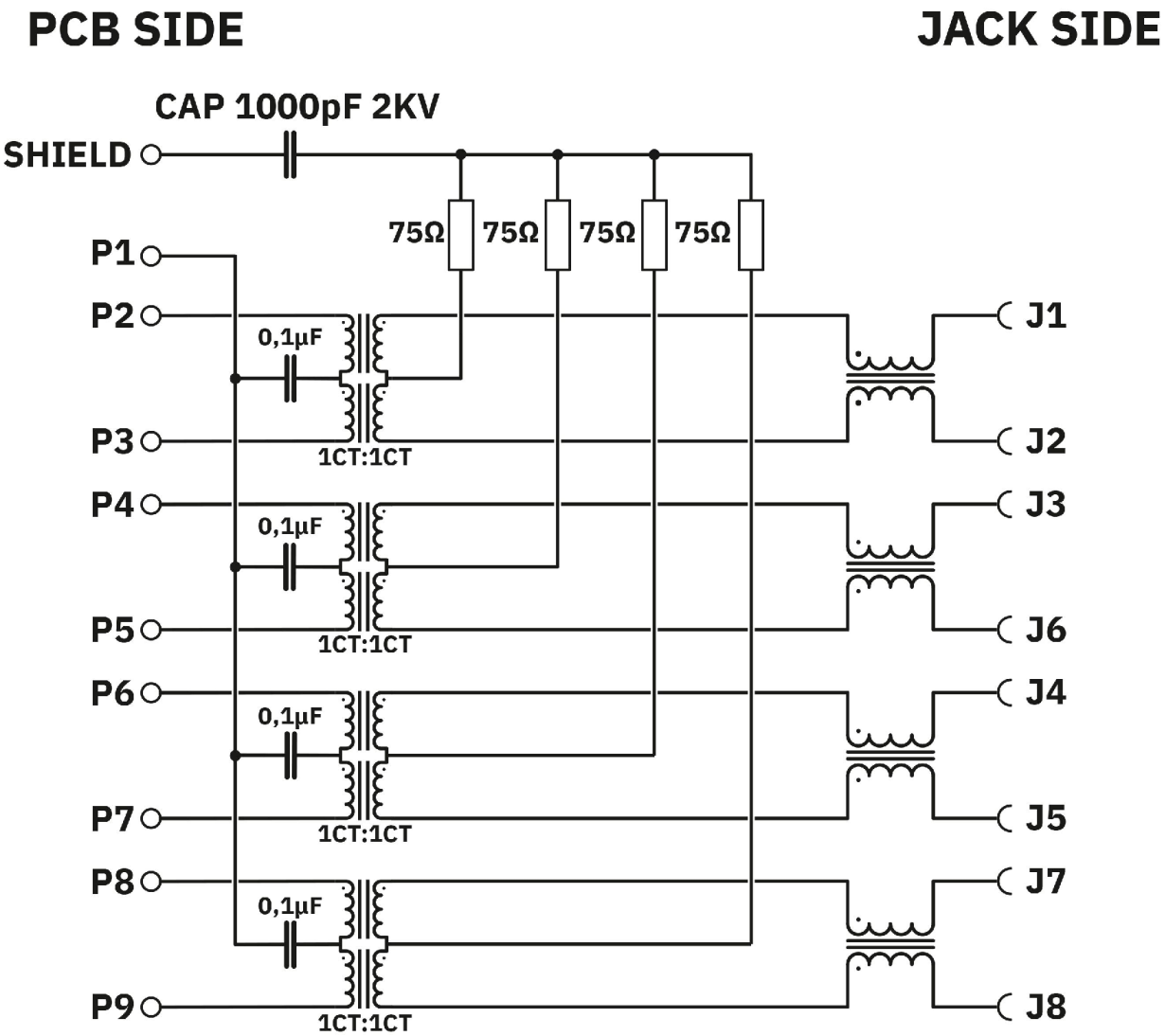
date 04.11.2024 document-type TECDOC 2D_Productfamily

description CUC-IA2G-J1ST-AB/R4R-PL1

scale 2:1
- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]

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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

 DIN A3	document-no. / ri		article-no.	scale	- Simplified representation - Document excluded - from change process - Linear dimensions [mm]
	01739219 / 00		1664094	2:1	
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	description				
page 2	of 2	CUC-IA2G-J1ST-AB/R4R-PL1			