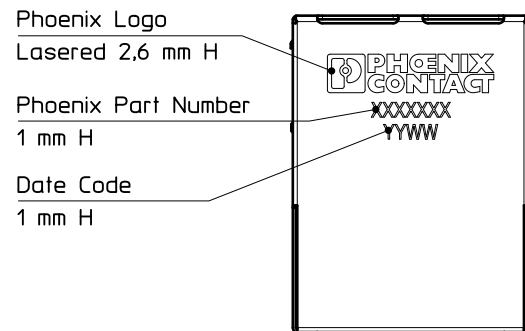
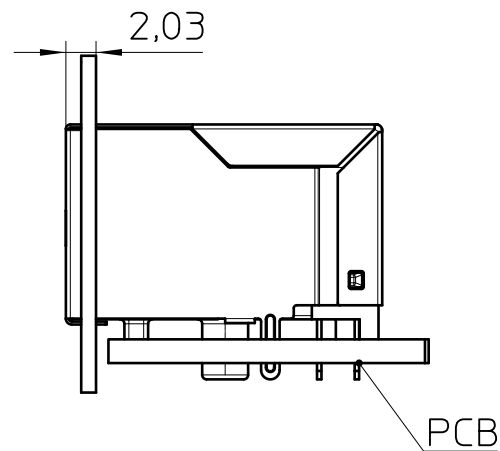
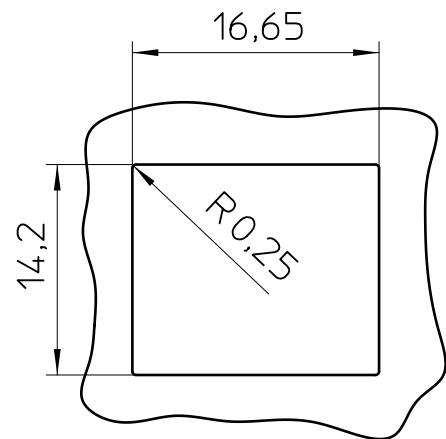


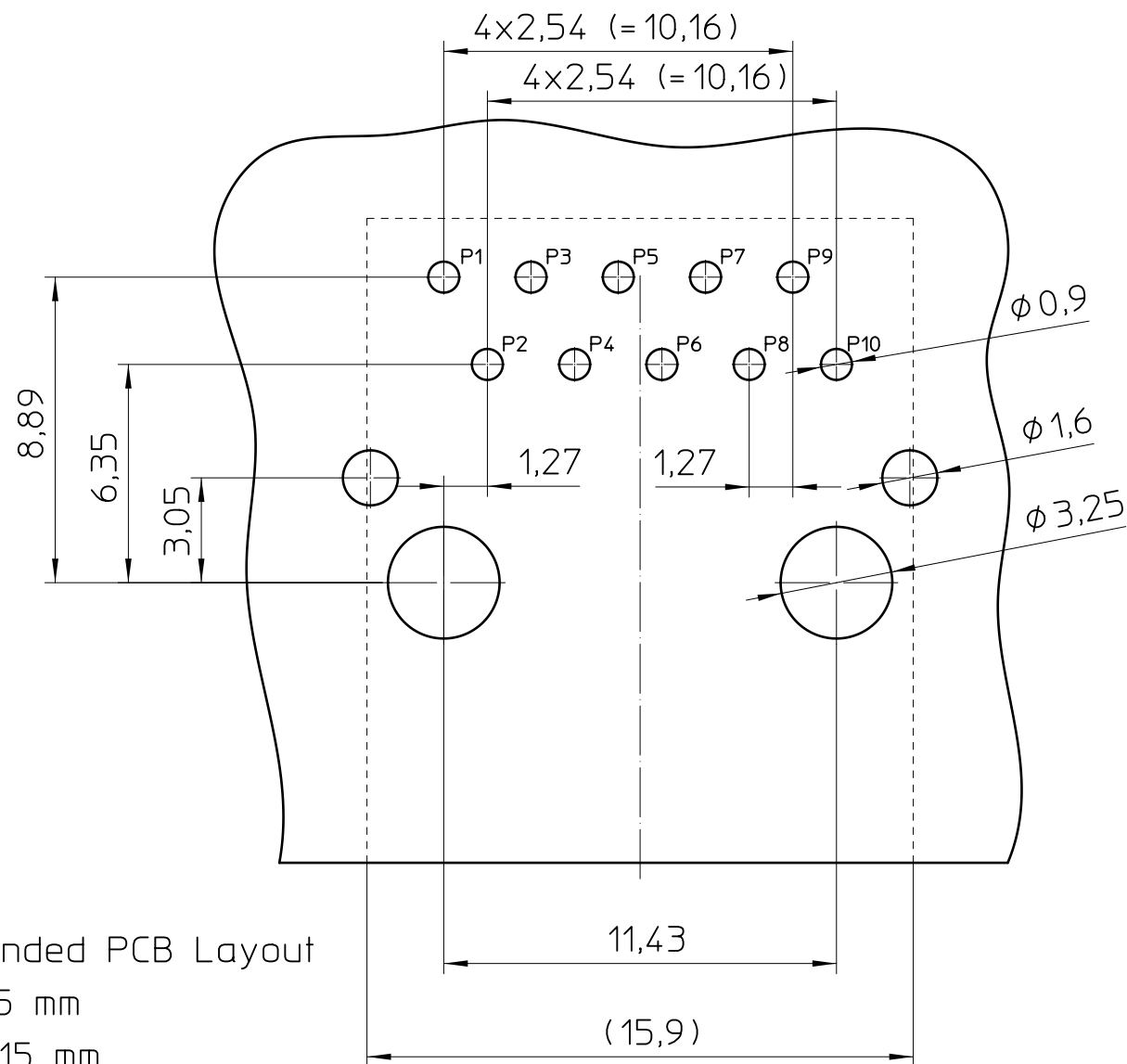
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Recommended panel cutout



PCB drill hole dimensions (see from component side)



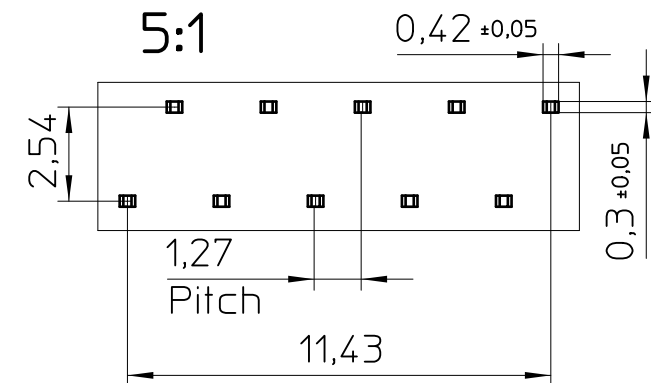
Recommended PCB Layout

Tol: $\pm 0,05$ mm

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

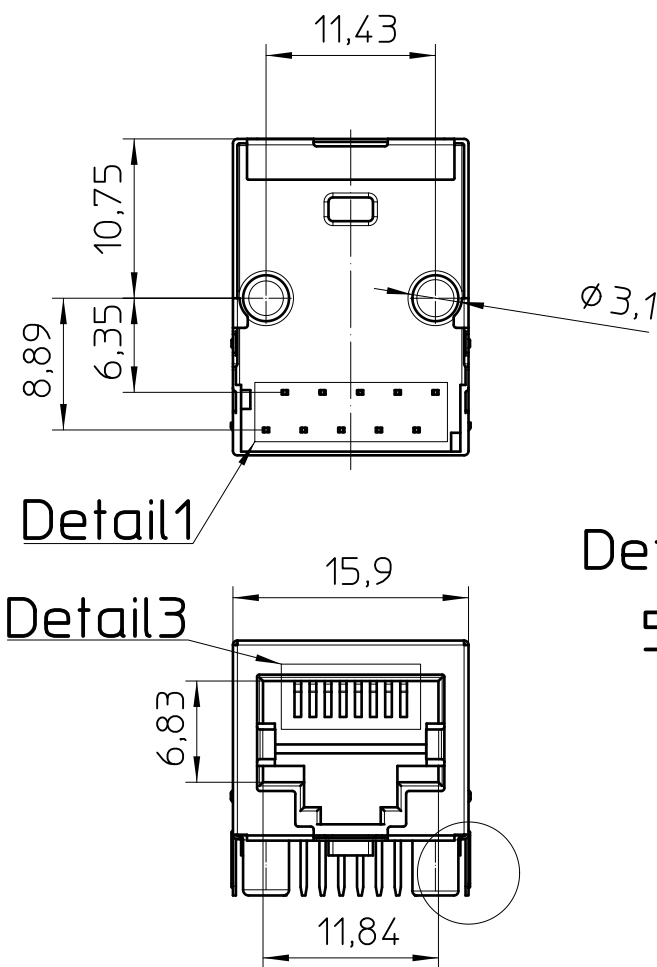
Detail1

5:1



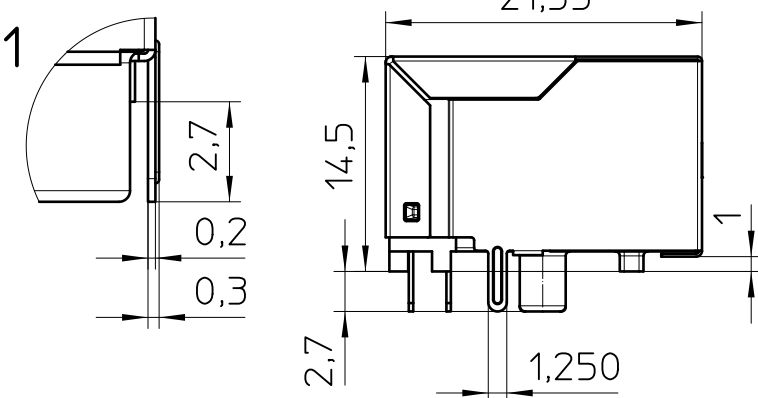
Detail1

Detail3



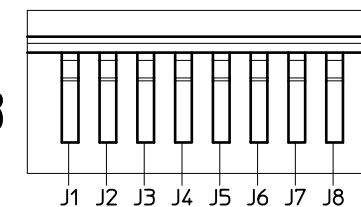
Detail2

5:1



Detail3

5:1



General Tolerances

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



page 1 of 2

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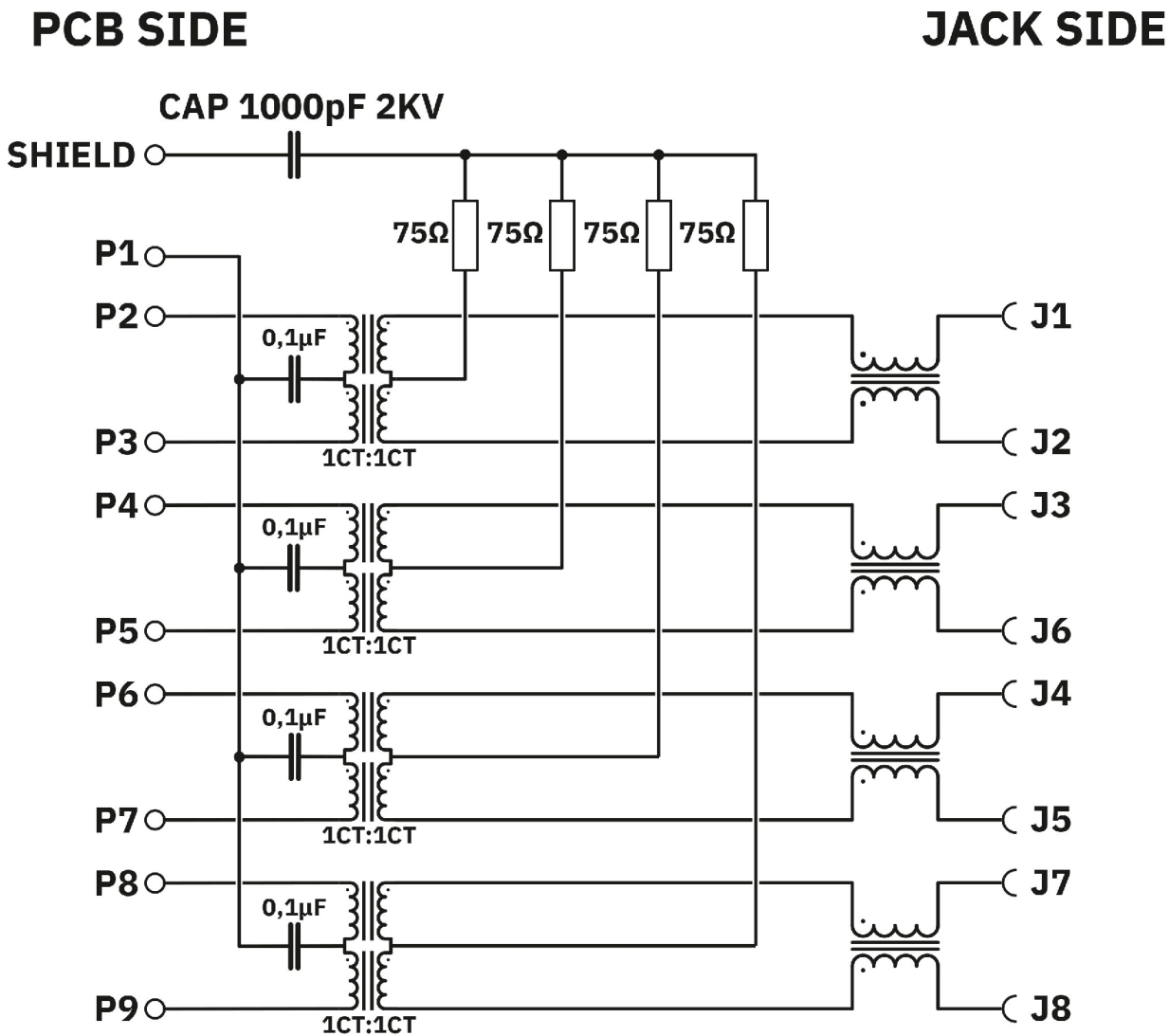
date
04.11.2024

document-type
TECDOC 2D_Productfamily

description
CUC-IA2G-J1ST-AB/R4R

scale
2:1

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



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

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						creat.	10.09.24	pbkp11	1664088 / 00	-	2:1	
						check.	04.11.24	il259h	SAP change-No. NAB210064E04	part-rev.		
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RI	date	revision		name	check.on	name	page 2	of 2				CUC-IA2G-J1ST-AB/R4R