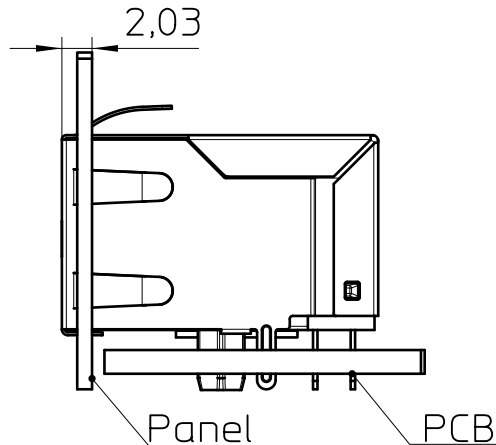
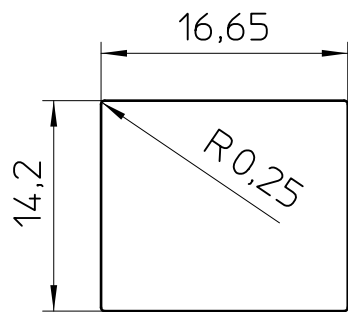


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Recommended panel cutout



Phoenix Logo

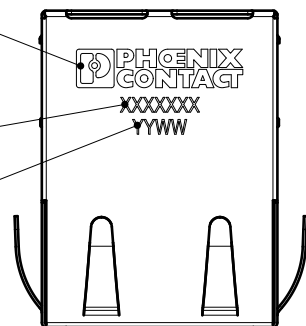
Lasered 2,6 mm H

Phoenix Part Number

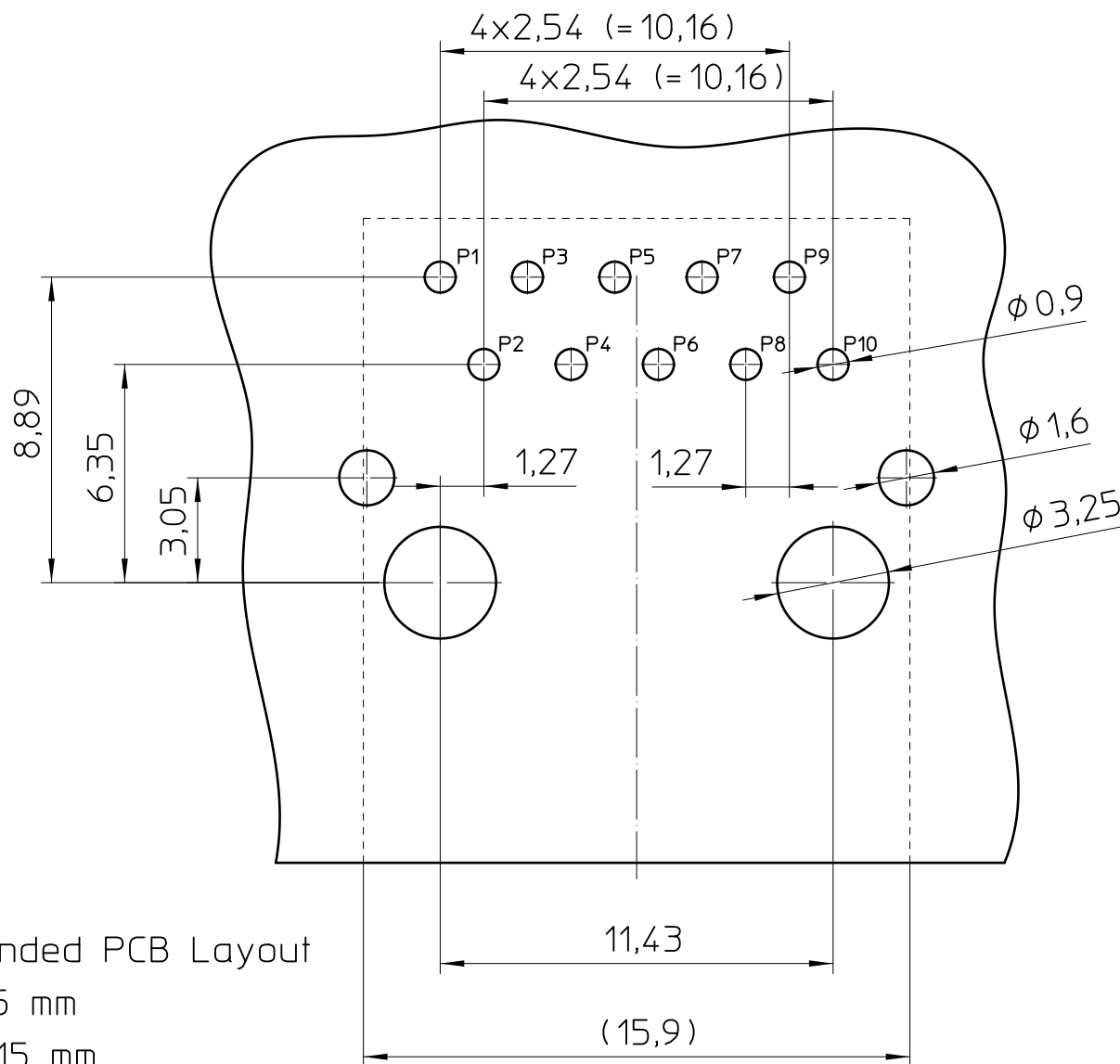
1 mm H

Date Code

1 mm H



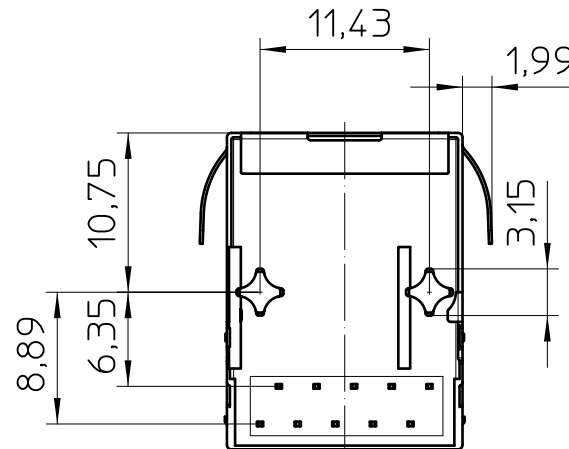
PCB drill hole dimensions (see from component side)



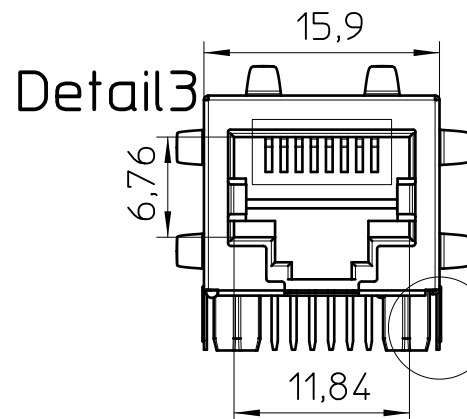
Recommended PCB Layout

Tol: $\pm 0,05$ mm

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



Detail1

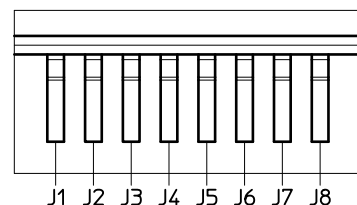


Detail3

Detail2

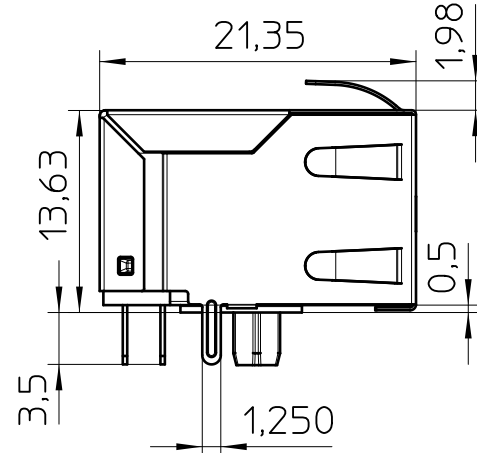
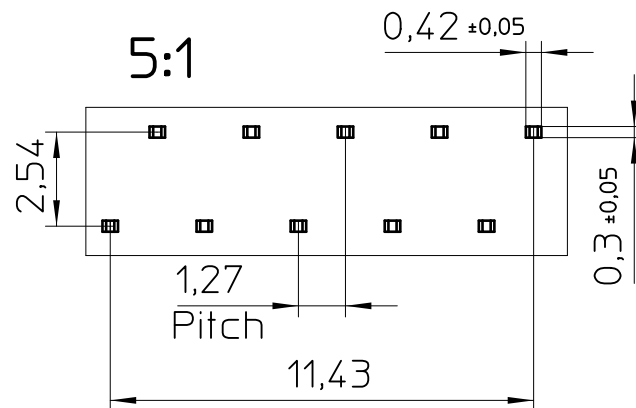
Detail3

5:1



Detail1

5:1



General Tolerances

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

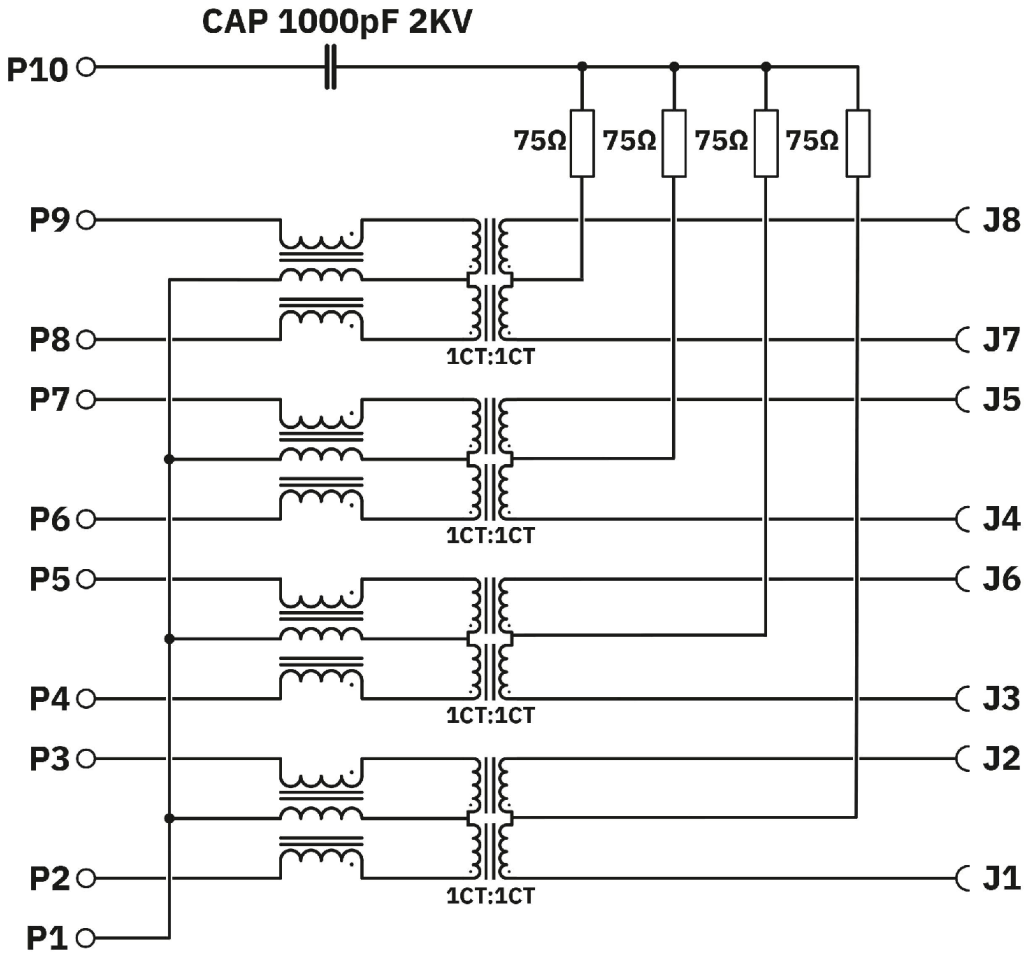


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04.11.2024	TECDOC 2D_Productfamily		
description			CUC-IA3G-J1ST-AB/R4T-P

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: 1-125MHz -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

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