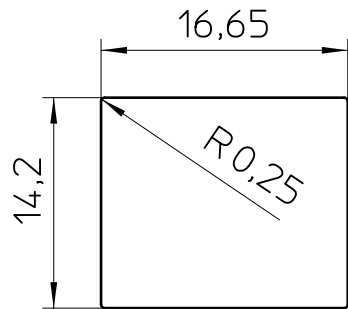


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Recommended panel cutout



Phoenix Logo

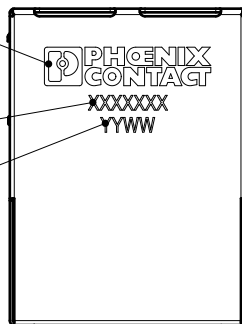
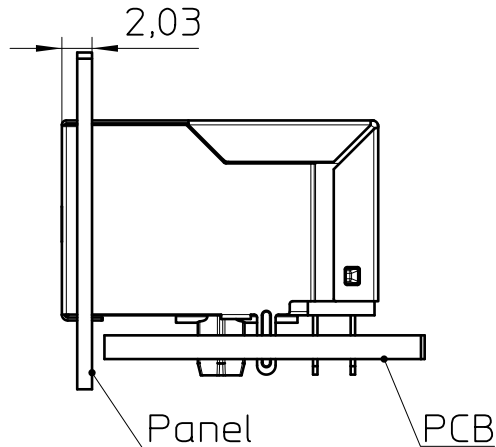
Lasered 2,6 mm H

Phoenix Part Number

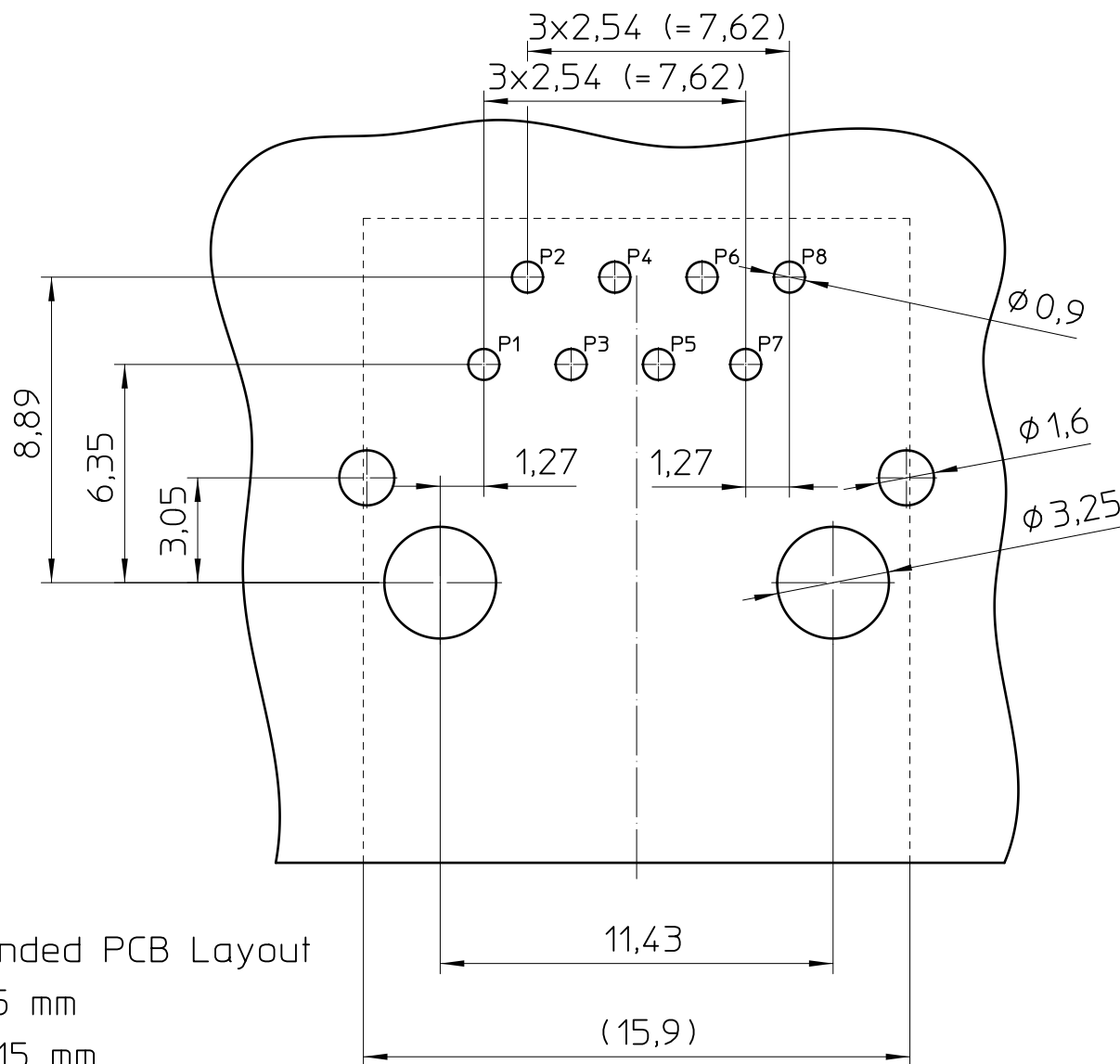
1 mm H

Date Code

1 mm H



PCB drill hole dimensions (see from component side)



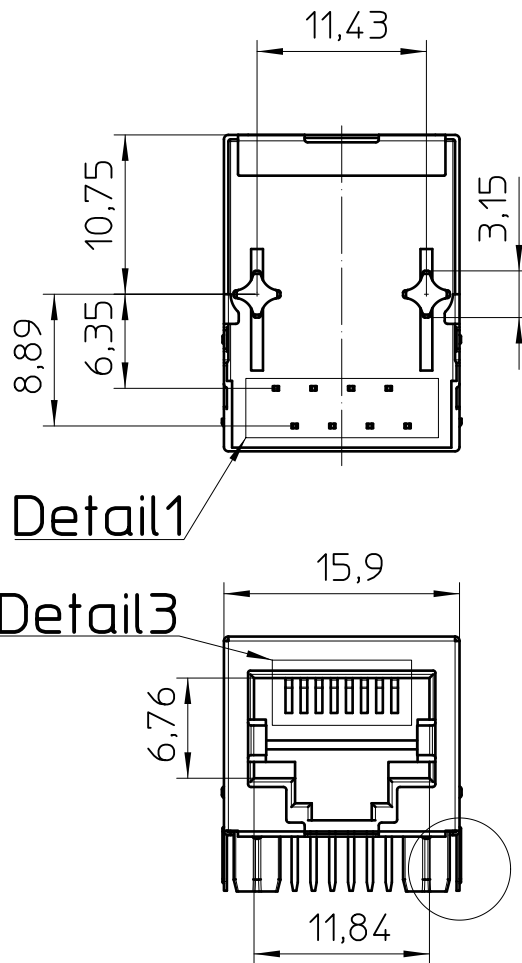
Recommended PCB Layout

Tol: ±0,05 mm

T=1,60±0,15 mm

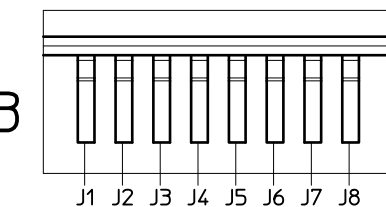
Detail1

Detail3



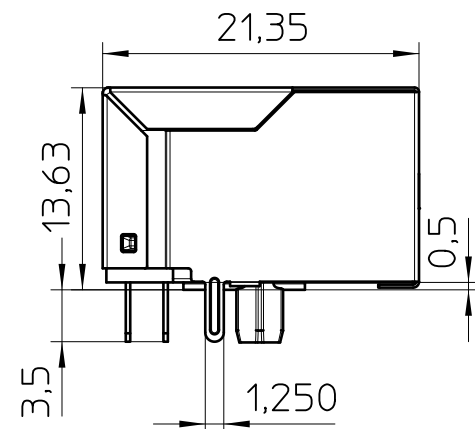
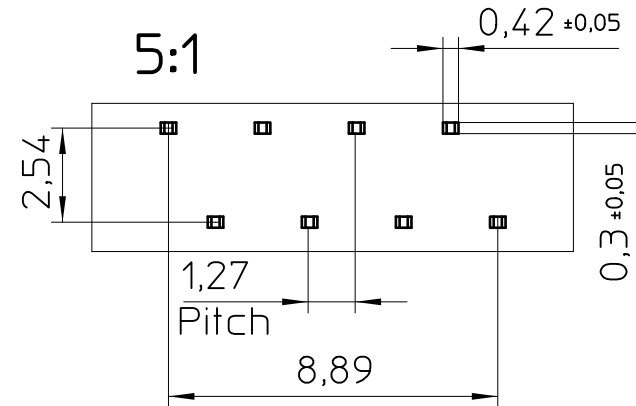
Detail2

5:1



Detail1

5:1



General Tolerances

1 Decimal Place	±0,25
2 Decimal Places	±0,20
3 Decimal Places	±0,15



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04.11.2024

document-type
TECDOC 2D_Productfamily

description
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scale
2:1

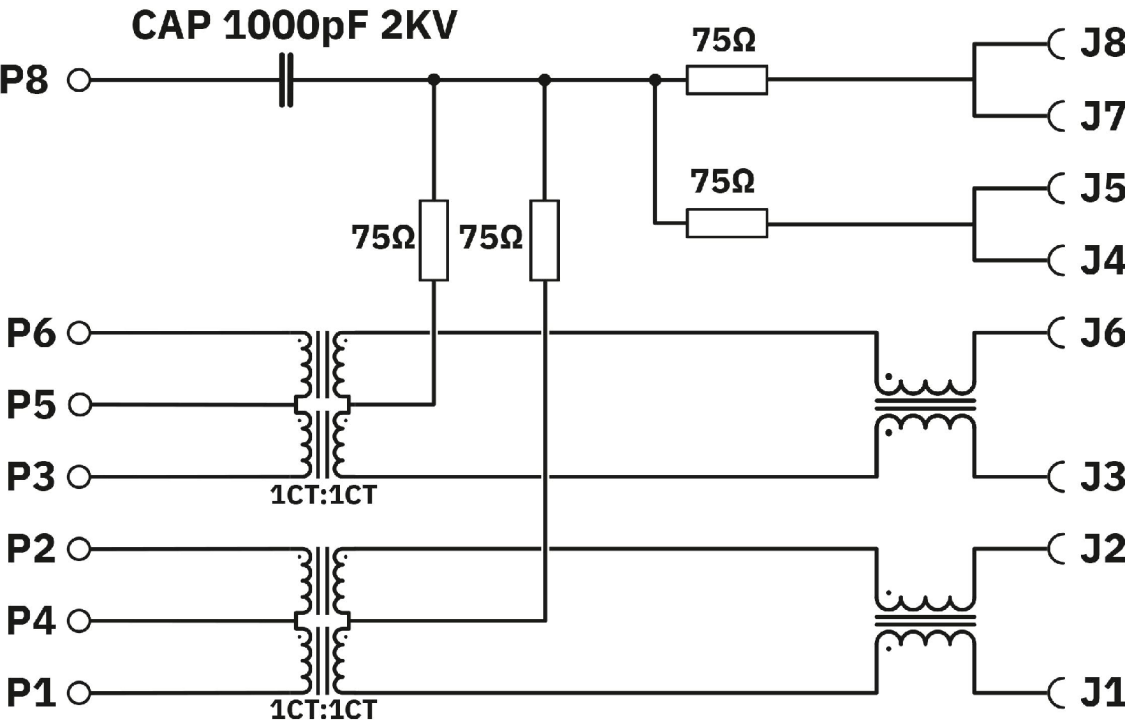
- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]

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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

 DIN A3	document-no. / ri 01758866 / 00		article-no. 1664070	scale 2:1	- Simplified representation - Document excluded from change process - Linear dimensions [mm]
	date 04.11.2024	document-type TECDOC 2D_Productfamily			
	description				
	CUC-IA5M-J1ST-AB/R4T				
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