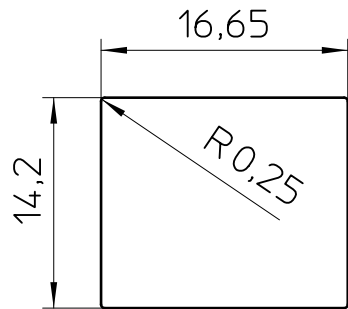


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Recommended panel cutout



Phoenix Logo

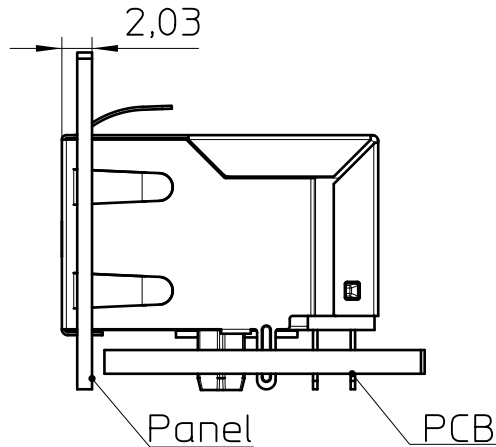
Lasered 2,6 mm H

Phoenix Part Number

1 mm H

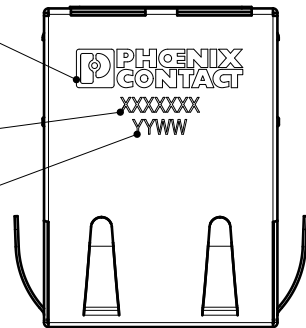
Date Code

1 mm H

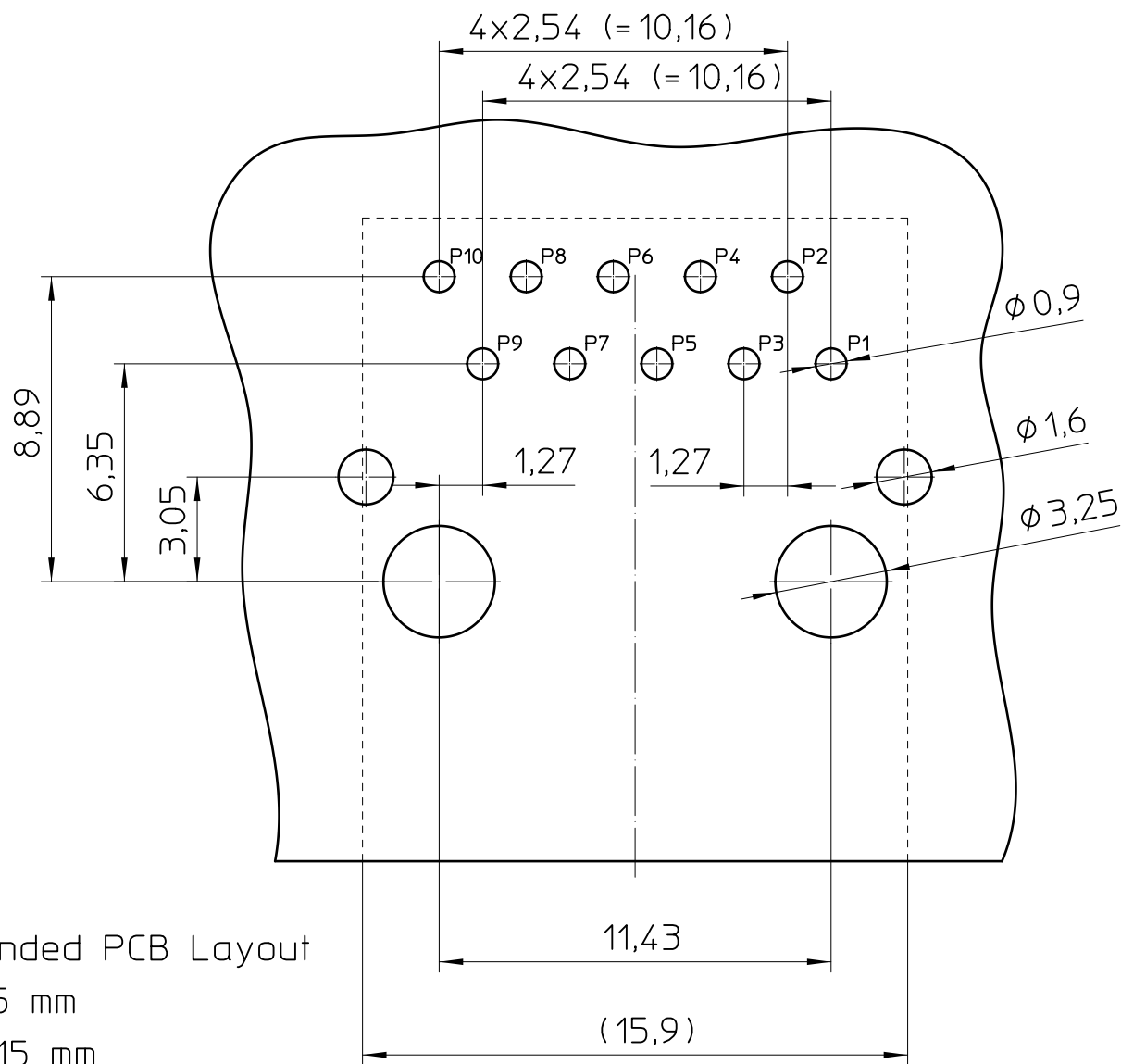


Panel

PCB



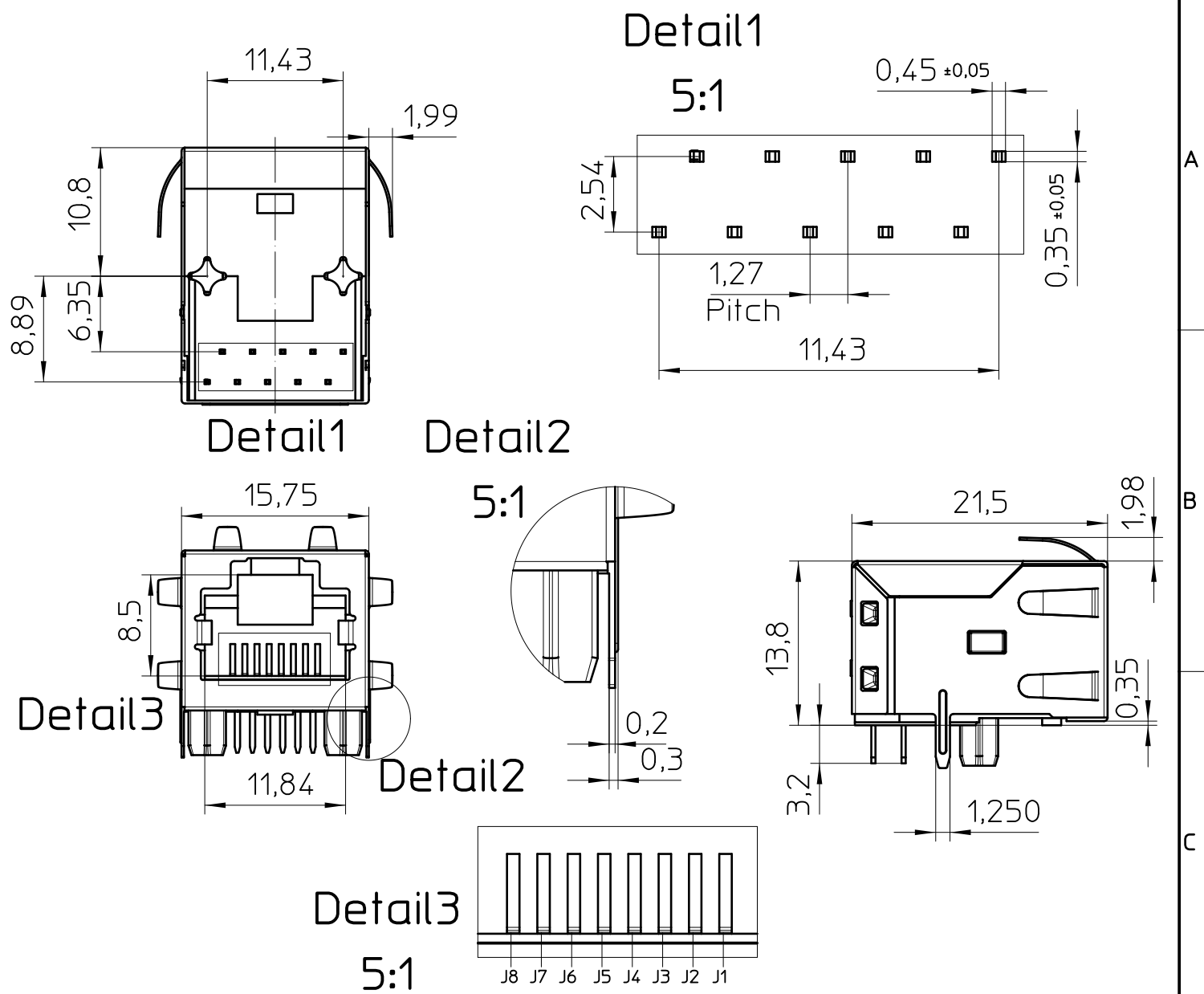
PCB drill hole dimensions (see from component side)



Recommended PCB Layout

Tol: $\pm 0,05$ mm

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



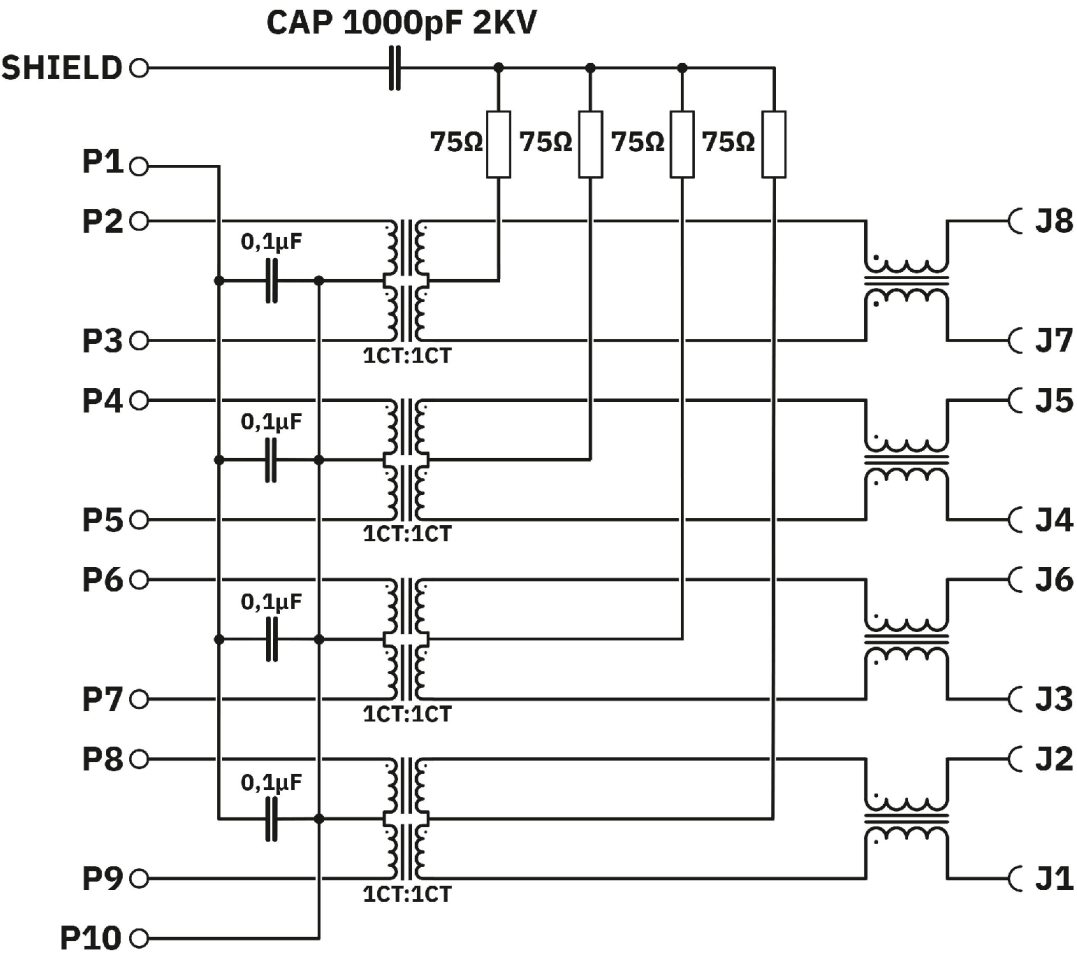
General Tolerances		 DIN A3		document-no. / ri 01741070 / 00		article-no. 1664032		scale 2:1		- Simplified representation - Document excluded from change process - Linear dimensions [mm]
1 Decimal Place ±0,25				date 07.11.2024		document-type TECDOC 2D_Productfamily				
2 Decimal Places ±0,20				description CUC-IB1G-J1ST-AT/R4T-P						
3 Decimal Places ±0,15		page 1								

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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 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]
	01741070 / 00	1664032	2:1	
	date	document-type		
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	description			
page 2	of 2	CUC-IB1G-J1ST-AT/R4T-P		