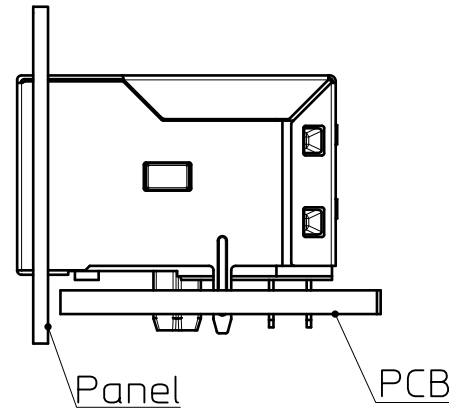


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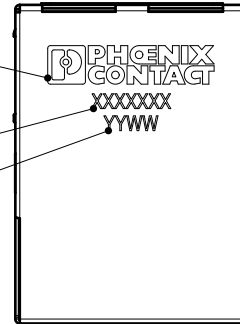
Technical drawing of a square with rounded corners. The square has a side length of 16,65. The corners are rounded with a radius of R0,25. The overall dimensions of the rounded square are 16,65 by 14,2.



Phoenix Logo
Lasered 2,6 mm H

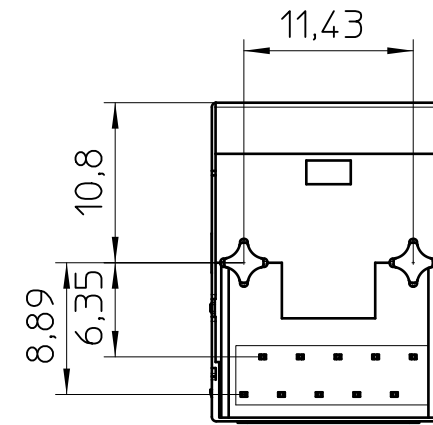
Phoenix Part Numbr
1 mm H

Date Code
1 mm H

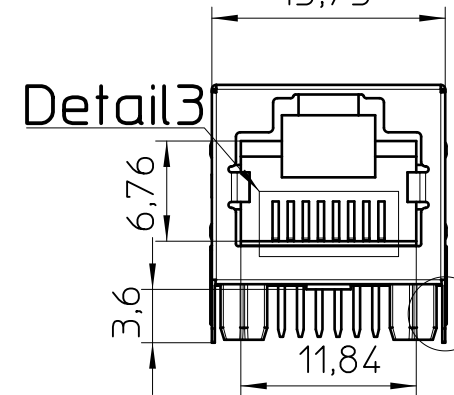


Technical drawing of a PCB layout for a 10-pin connector. The drawing shows a rectangular PCB with a wavy outer edge. A dashed rectangle indicates the connector footprint. Ten pins are labeled P1 through P10. Dimensions are given in mm: overall width 15.9, overall height 8.89, pin pitch 2.54 (4x), pin diameter 0.9, and mounting hole diameter 3.25. A 1.27mm offset is shown for the pins.

Tol: $\pm 0,05$ mm
T=1,60 $\pm$ 0,15 mm

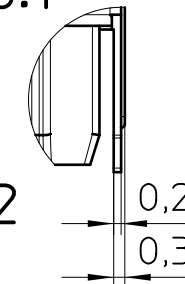


Detail1
15,75



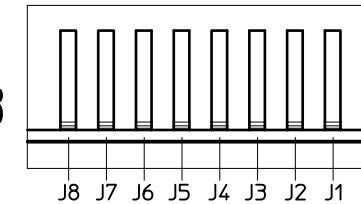
Detail3

Detail2
5:1

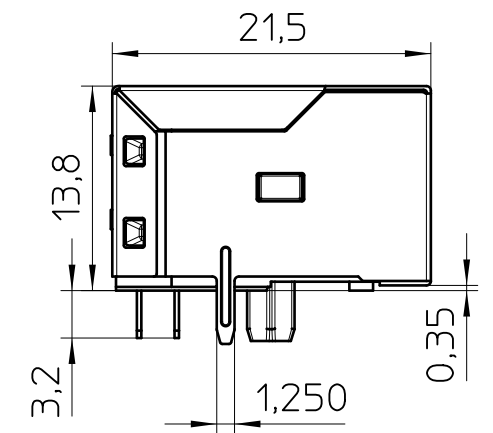
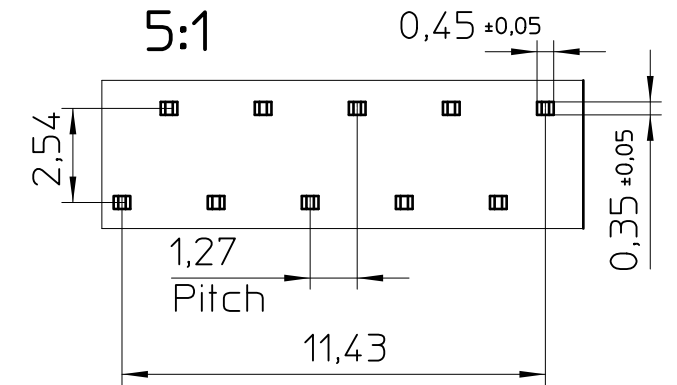


Detail2

Detail3
5:1



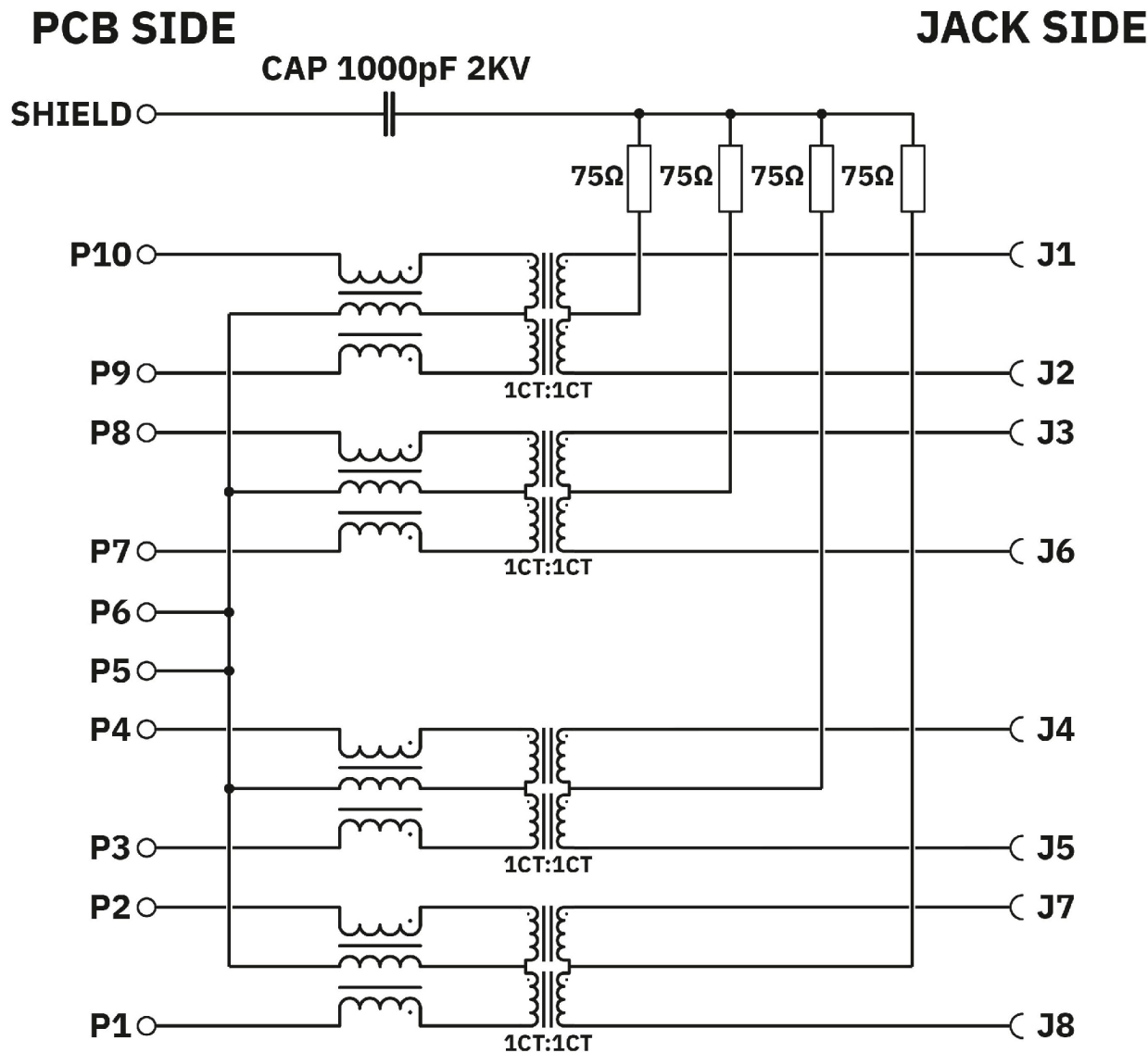
5:1



General Tolerances	 DIN A3		document-no. / ri 01759663 / 00		article-no. 1664024	scale 2:1	- Simplified representation - Document excluded from change process - Linear dimensions [mm]
1 Decimal Place ±0,25	 PHOENIX CONTACT		date 07.11.2024	document-type TECDOC 2D_Productfamily			
2 Decimal Places ±0,20			description CUC-IB7G-J1ST-AT/R4T				
3 Decimal Places ±0,15	page 1	of 2					

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ELECTRONICAL SPECIFICATIONS

- 1. ACCORDING TO IEEE 802.3**
- 2. TURN RATIO @100KHz:** (P10~P9):(J1~J2) = 1:1±5%
(P8~P7):(J3~J6) = 1:1±5%
(P4~P3):(J4~J5) = 1:1±5%
(P2~P1):(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**

- EN ISO 291 23/50

 DIN A3		document-no. / ri 01759663 / 00	article-no. 1664024	scale 2:1	- Simplified representation - Document excluded from change process - Linear dimensions [mm]
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		description			
		CUC-IB7G-J1ST-AT/R4T			
page 2	of 2				