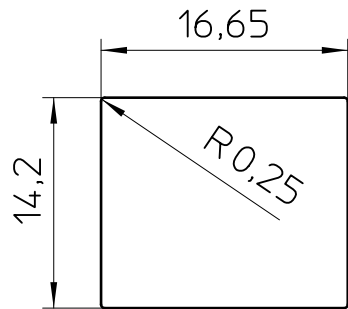


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Recommended panel cutout



Phoenix Logo

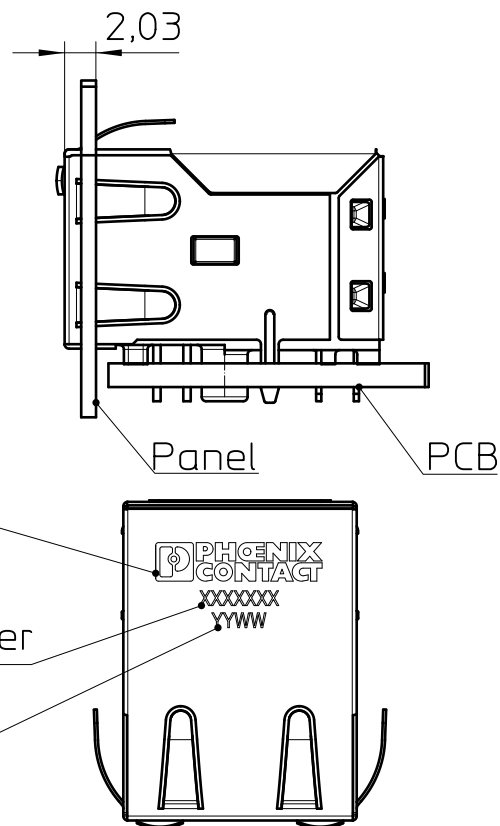
Lasered 2,6 mm H

Phoenix Part Number

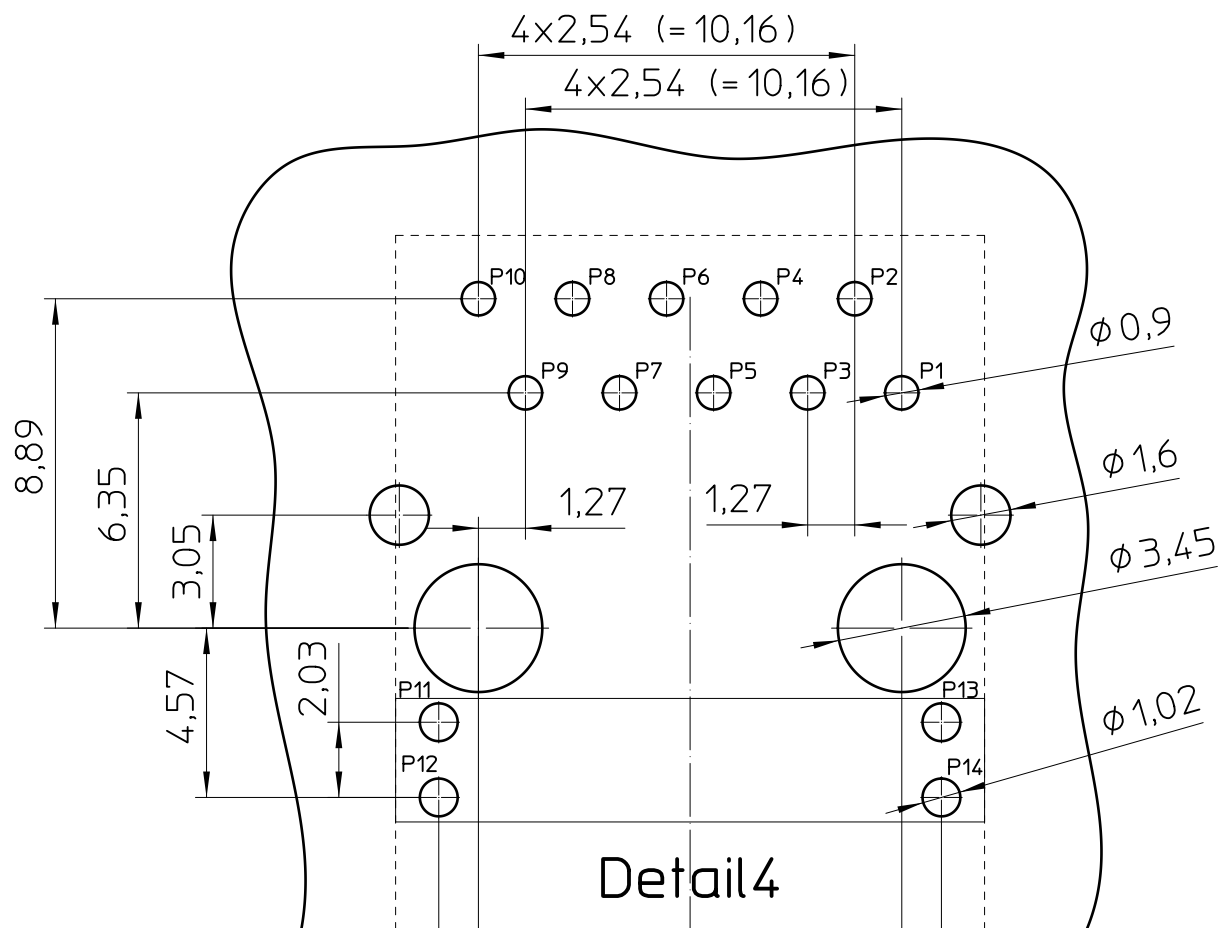
1 mm H

Date Code

1 mm H



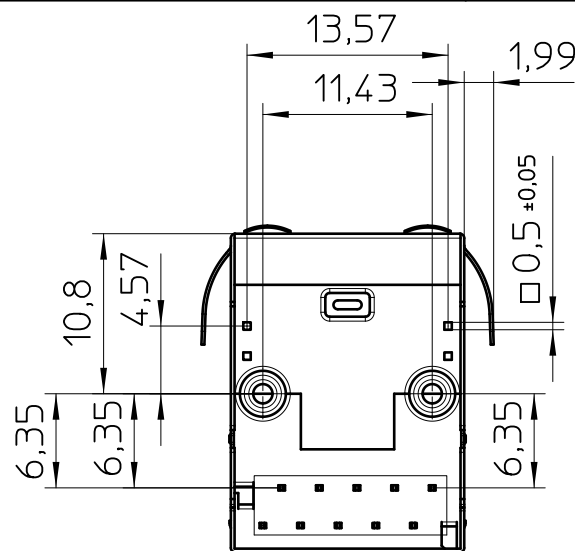
PCB drill hole dimensions (see from component side)



Recommended PCB Layout

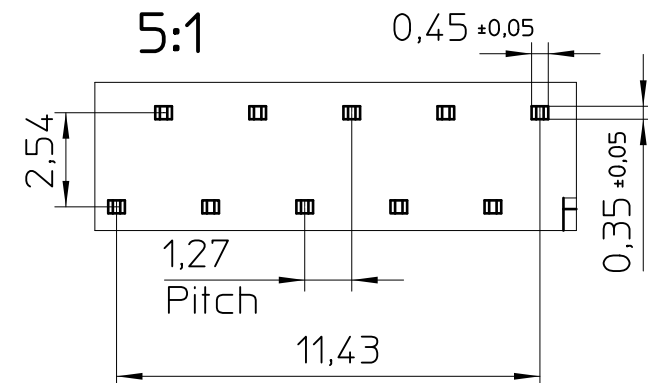
Tol: $\pm 0,05$ mm

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



Detail1

5:1



Detail1

15,75

Detail3

8,5

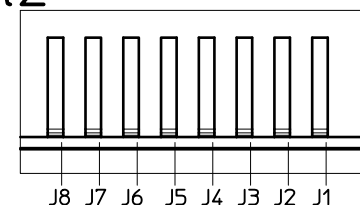
LED 1
GREEN

LED 2
YELLOW

Detail2

Detail3

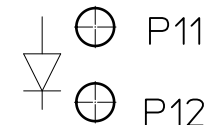
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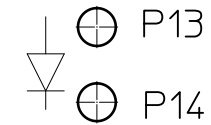
Detail4

5:1

LED 1
GREEN



LED 2
YELLOW



LED-Specifications

LED	Forward Voltage (max)	*Forward Voltage (Typical)
GREEN	2,4 V	2,2 V
YELLOW	2,5 V	2,1 V

*Forward DC current: 20 mA

General Tolerances

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

DIN A3



page 1 of 2

document-no. / ri
01760906 / 00 1664001

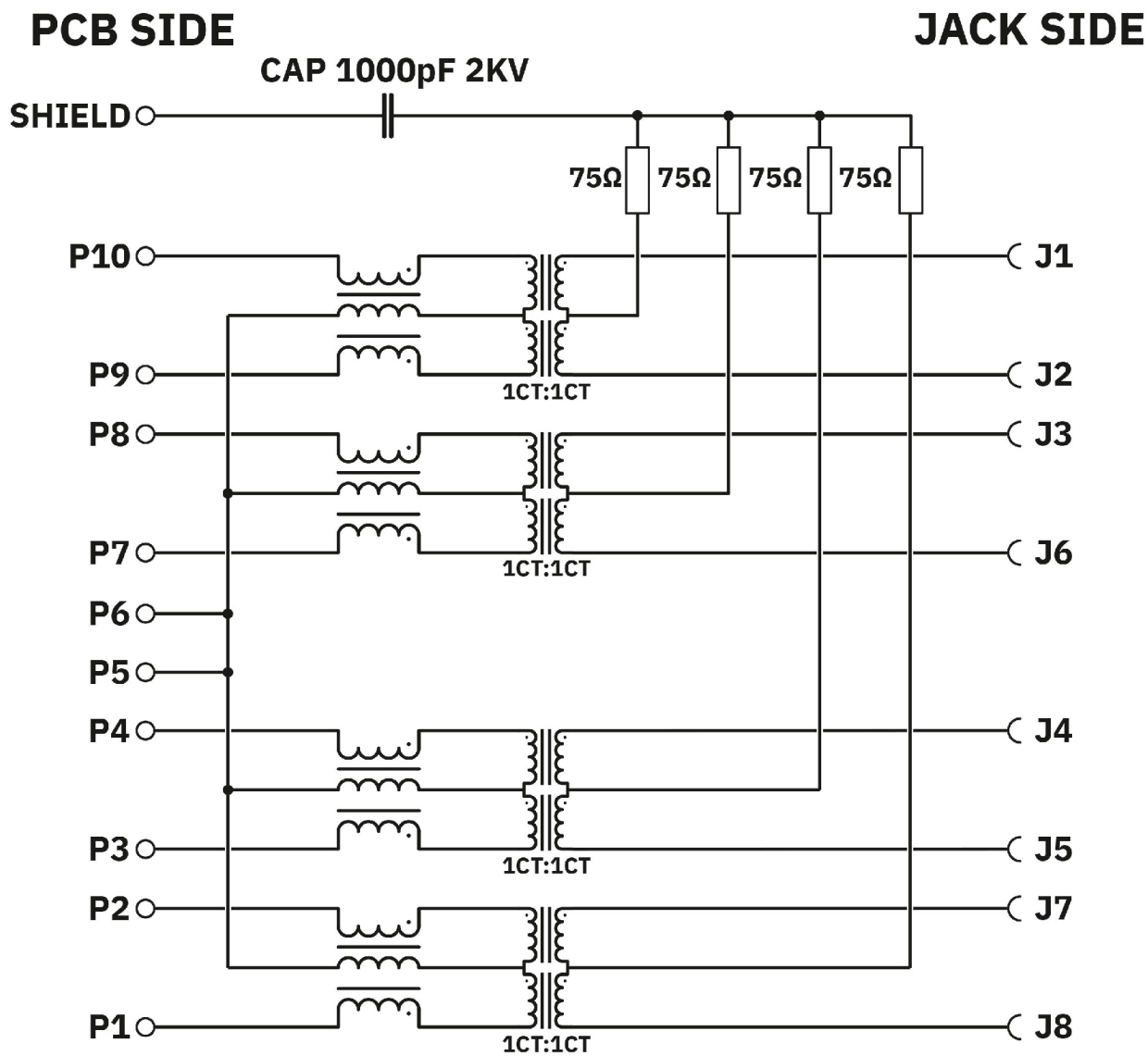
date
07.11.2024

document-type
TECDOC 2D_Productfamily

description
CUC-IB7G-J1ST-AT/R4R-PL1

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:** (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**

						00	date	name	ident.-No. / RI	material	scale	dim.var.
						creat.	24.10.24	pbkp11	1664001 / 00	-	2:1	
						check.	07.11.24	il259h	SAP change-No. NAB210064E04	part-rev.		
								DIN A3	document-type	document-No.	surface in μm	
								PHENIX CONTACT	TECDOC 2D_Productfamily	01760906		
									description			
RI	date	revision	name	check.on	name	page 2	of 2					CUC-IB7G-J1ST-AT/R4R-PL1