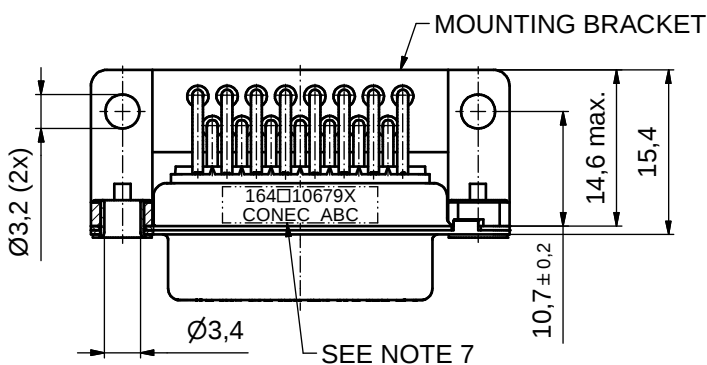
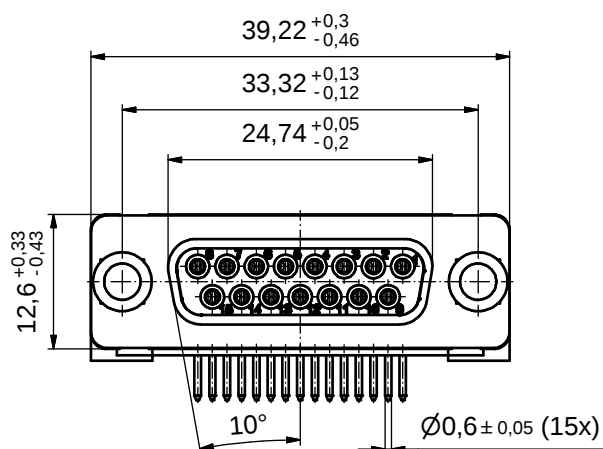
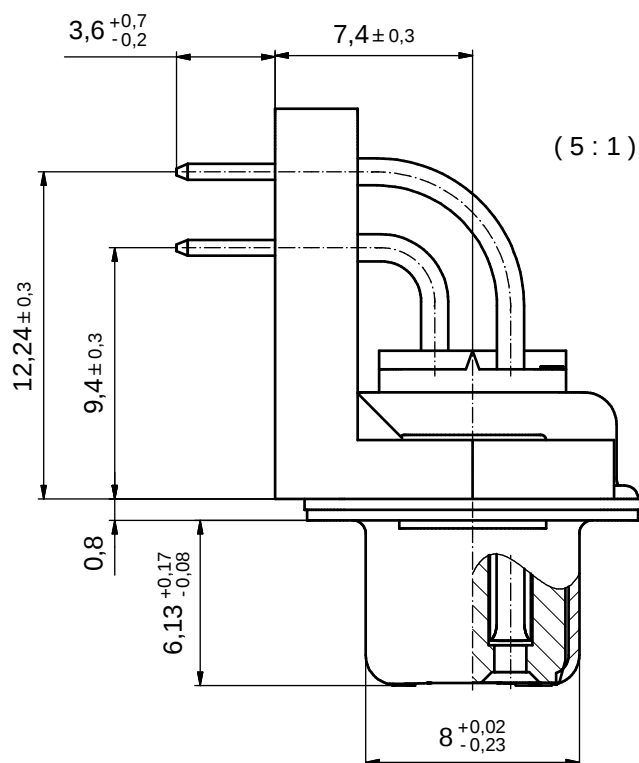
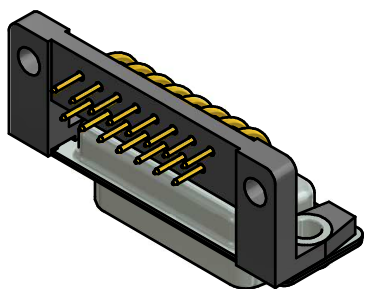


NOTES:

- METALSHELLS: STEEL; 315µm TIN over 40-80µm NICKEL
- INSULATORS: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.):
☐ PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
☐ PLEASE ADD B for 20µm HARD GOLD over min. 50µm NICKEL
☐ PLEASE ADD C for 30µm HARD GOLD over min. 50µm NICKEL
- MOUNTING BRACKET: PBT GF UL 94 V-0; BLACK
- RIVETED INSERTS: COPPER ALLOY; min. 200µm over 80µm NICKEL
- P.C.B. HOLE DRILLINGS ON SHEET 2
- CONNECTOR IS PART MARKED: 164□10679X CONEC ABC (see note 3)

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH	DO NOT ALTER CAD DRAWING BY HAND				tolerance		 dim. in mm	scale: 2:1 (5:1)		
								material: SEE NOTES		
					date	name	title: D-SUB FEMALE 90° 15pos. SOLDER PIN ANGLED 0.370inch with riveted insert and mounting bracket			
					drawn 14.04.2016	Unkrüer				
					appd. 15.04.2016	Lehmenkühler				
					norm					
					d-old					
								dwg no:		DIN-A3
	a	Original						16K1A3771		sh: 1/2
	rev.	description	date	name				part no: 164□10679X		(see note 3)

RoHS compliant

CONEC

Technical drawing of a PCB layout showing dimensions and tolerances. The drawing includes a central grid of 15x2 holes, two large circular features on the left and right, and various dimension lines with numerical values and tolerances.

Key dimensions and tolerances shown:

- Overall width: $33,32^{+0,13}_{-0,12}$
- Overall height: $2,84 \pm 0,1$
- Distance from P.C.B. EDGE to the left circular feature: $11,5$
- Distance from P.C.B. EDGE to the right circular feature: $10,2 \pm 0,1$
- Distance from P.C.B. EDGE to the first row of holes: $2,74 \pm 0,1$
- Distance from P.C.B. EDGE to the second row of holes: $5,49 \pm 0,1$
- Distance from P.C.B. EDGE to the third row of holes: $8,23 \pm 0,1$
- Distance from the first row of holes to the second row: $2,74 \pm 0,1$
- Distance from the second row of holes to the third row: $5,49 \pm 0,1$
- Distance from the third row of holes to the fourth row: $8,23 \pm 0,1$
- Distance from the fourth row of holes to the fifth row: $1,37 \pm 0,1$
- Distance from the fifth row of holes to the sixth row: $4,11 \pm 0,1$
- Distance from the sixth row of holes to the seventh row: $6,86 \pm 0,1$
- Distance from the seventh row of holes to the eighth row: $9,6 \pm 0,1$
- Distance from the eighth row of holes to the ninth row: $1,37 \pm 0,1$
- Distance from the ninth row of holes to the tenth row: $4,11 \pm 0,1$
- Distance from the tenth row of holes to the eleventh row: $6,86 \pm 0,1$
- Distance from the eleventh row of holes to the twelfth row: $9,6 \pm 0,1$
- Distance from the twelfth row of holes to the thirteenth row: $1,37 \pm 0,1$
- Distance from the thirteenth row of holes to the fourteenth row: $4,11 \pm 0,1$
- Distance from the fourteenth row of holes to the fifteenth row: $6,86 \pm 0,1$
- Distance from the fifteenth row of holes to the sixteenth row: $9,6 \pm 0,1$
- Distance from the sixteenth row of holes to the seventeenth row: $1,37 \pm 0,1$
- Distance from the seventeenth row of holes to the eighteenth row: $4,11 \pm 0,1$
- Distance from the eighteenth row of holes to the nineteenth row: $6,86 \pm 0,1$
- Distance from the nineteenth row of holes to the twentieth row: $9,6 \pm 0,1$
- Distance from the twentieth row of holes to the twenty-first row: $1,37 \pm 0,1$
- Distance from the twenty-first row of holes to the twenty-second row: $4,11 \pm 0,1$
- Distance from the twenty-second row of holes to the twenty-third row: $6,86 \pm 0,1$
- Distance from the twenty-third row of holes to the twenty-fourth row: $9,6 \pm 0,1$
- Distance from the twenty-fourth row of holes to the twenty-fifth row: $1,37 \pm 0,1$
- Distance from the twenty-fifth row of holes to the twenty-sixth row: $4,11 \pm 0,1$
- Distance from the twenty-sixth row of holes to the twenty-seventh row: $6,86 \pm 0,1$
- Distance from the twenty-seventh row of holes to the twenty-eighth row: $9,6 \pm 0,1$
- Distance from the twenty-eighth row of holes to the twenty-ninth row: $1,37 \pm 0,1$
- Distance from the twenty-ninth row of holes to the thirtieth row: $4,11 \pm 0,1$
- Distance from the thirtieth row of holes to the thirty-first row: $6,86 \pm 0,1$
- Distance from the thirty-first row of holes to the thirty-second row: $9,6 \pm 0,1$
- Distance from the thirty-second row of holes to the thirty-third row: $1,37 \pm 0,1$
- Distance from the thirty-third row of holes to the thirty-fourth row: $4,11 \pm 0,1$
- Distance from the thirty-fourth row of holes to the thirty-fifth row: $6,86 \pm 0,1$
- Distance from the thirty-fifth row of holes to the thirty-sixth row: $9,6 \pm 0,1$
- Distance from the thirty-sixth row of holes to the thirty-seventh row: $1,37 \pm 0,1$
- Distance from the thirty-seventh row of holes to the thirty-eighth row: $4,11 \pm 0,1$
- Distance from the thirty-eighth row of holes to the thirty-ninth row: $6,86 \pm 0,1$
- Distance from the thirty-ninth row of holes to the fortieth row: $9,6 \pm 0,1$
- Distance from the fortieth row of holes to the forty-first row: $1,37 \pm 0,1$
- Distance from the forty-first row of holes to the forty-second row: $4,11 \pm 0,1$
- Distance from the forty-second row of holes to the forty-third row: $6,86 \pm 0,1$
- Distance from the forty-third row of holes to the forty-fourth row: $9,6 \pm 0,1$
- Distance from the forty-fourth row of holes to the forty-fifth row: $1,37 \pm 0,1$
- Distance from the forty-fifth row of holes to the forty-sixth row: $4,11 \pm 0,1$
- Distance from the forty-sixth row of holes to the forty-seventh row: $6,86 \pm 0,1$
- Distance from the forty-seventh row of holes to the forty-eighth row: $9,6 \pm 0,1$
- Distance from the forty-eighth row of holes to the forty-ninth row: $1,37 \pm 0,1$
- Distance from the forty-ninth row of holes to the fiftieth row: $4,11 \pm 0,1$
- Distance from the fiftieth row of holes to the fifty-first row: $6,86 \pm 0,1$
- Distance from the fifty-first row of holes to the fifty-second row: $9,6 \pm 0,1$
- Distance from the fifty-second row of holes to the fifty-third row: $1,37 \pm 0,1$
- Distance from the fifty-third row of holes to the fifty-fourth row: $4,11 \pm 0,1$
- Distance from the fifty-fourth row of holes to the fifty-fifth row: $6,86 \pm 0,1$
- Distance from the fifty-fifth row of holes to the fifty-sixth row: $9,6 \pm 0,1$
- Distance from the fifty-sixth row of holes to the fifty-seventh row: $1,37 \pm 0,1$
- Distance from the fifty-seventh row of holes to the fifty-eighth row: $4,11 \pm 0,1$
- Distance from the fifty-eighth row of holes to the fifty-ninth row: $6,86 \pm 0,1$
- Distance from the fifty-ninth row of holes to the sixtieth row: $9,6 \pm 0,1$
- Distance from the sixtieth row of holes to the sixty-first row: $1,37 \pm 0,1$
- Distance from the sixty-first row of holes to the sixty-second row: $4,11 \pm 0,1$
- Distance from the sixty-second row of holes to the sixty-third row: $6,86 \pm 0,1$
- Distance from the sixty-third row of holes to the sixty-fourth row: $9,6 \pm 0,1$
- Distance from the sixty-fourth row of holes to the sixty-fifth row: $1,37 \pm 0,1$
- Distance from the sixty-fifth row of holes to the sixty-sixth row: $4,11 \pm 0,1$
- Distance from the sixty-sixth row of holes to the sixty-seventh row: $6,86 \pm 0,1$
- Distance from the sixty-seventh row of holes to the sixty-eighth row: $9,6 \pm 0,1$
- Distance from the sixty-eighth row of holes to the sixty-ninth row: $1,37 \pm 0,1$
- Distance from the sixty-ninth row of holes to the seventieth row: $4,11 \pm 0,1$
- Distance from the seventieth row of holes to the seventy-first row: $6,86 \pm 0,1$
- Distance from the seventy-first row of holes to the seventy-second row: $9,6 \pm 0,1$
- Distance from the seventy-second row of holes to the seventy-third row: $1,37 \pm 0,1$
- Distance from the seventy-third row of holes to the seventy-fourth row: $4,11 \pm 0,1$
- Distance from the seventy-fourth row of holes to the seventy-fifth row: $6,86 \pm 0,1$
- Distance from the seventy-fifth row of holes to the seventy-sixth row: $9,6 \pm 0,1$
- Distance from the seventy-sixth row of holes to the seventy-seventh row: $1,37 \pm 0,1$
- Distance from the seventy-seventh row of holes to the seventy-eighth row: $4,11 \pm 0,1$
- Distance from the seventy-eighth row of holes to the seventy-ninth row: $6,86 \pm 0,1$
- Distance from the seventy-ninth row of holes to the eightieth row: $9,6 \pm 0,1$
- Distance from the eightieth row of holes to the eighty-first row: $1,37 \pm 0,1$
- Distance from the eighty-first row of holes to the eighty-second row: $4,11 \pm 0,1$
- Distance from the eighty-second row of holes to the eighty-third row: $6,86 \pm 0,1$
- Distance from the eighty-third row of holes to the eighty-fourth row: $9,6 \pm 0,1$
- Distance from the eighty-fourth row of holes to the eighty-fifth row: $1,37 \pm 0,1$
- Distance from the eighty-fifth row of holes to the eighty-sixth row: $4,11 \pm 0,1$
- Distance from the eighty-sixth row of holes to the eighty-seventh row: $6,86 \pm 0,1$
- Distance from the eighty-seventh row of holes to the eighty-eighth row: $9,6 \pm 0,1$
- Distance from the eighty-eighth row of holes to the eighty-ninth row: $1,37 \pm 0,1$
- Distance from the eighty-ninth row of holes to the ninetieth row: $4,11 \pm 0,1$
- Distance from the ninetieth row of holes to the hundredth row: $6,86 \pm 0,1$
- Distance from the hundredth row of holes to the hundred-first row: $9,6 \pm 0,1$
- Distance from the hundred-first row of holes to the hundred-second row: $1,37 \pm 0,1$
- Distance from the hundred-second row of holes to the hundred-third row: $4,11 \pm 0,1$
- Distance from the hundred-third row of holes to the hundred-fourth row: $6,86 \pm 0,1$
- Distance from the hundred-fourth row of holes to the hundred-fifth row: $9,6 \pm 0,1$
- Distance from the hundred-fifth row of holes to the hundred-sixth row: $1,37 \pm 0,1$
- Distance from the hundred-sixth row of holes to the hundred-seventh row: $4,11 \pm 0,1$
- Distance from the hundred-seventh row of holes to the hundred-eighth row: $6,86 \pm 0,1$
- Distance from the hundred-eighth row of holes to the hundred-ninth row: $9,6 \pm 0,1$
- Distance from the hundred-ninth row of holes to the hundred-tenth row: $1,37 \pm 0,1$
- Distance from the hundred-tenth row of holes to the hundred-eleventh row: $4,11 \pm 0,1$
- Distance from the hundred-eleventh row of holes to the hundred-twelfth row: $6,86 \pm 0,1$
- Distance from the hundred-twelfth row of holes to the hundred-thirteenth row: $9,6 \pm 0,1$
- Distance from the hundred-thirteenth row of holes to the hundred-fourteenth row: $1,37 \pm 0,1$
- Distance from the hundred-fourteenth row of holes to the hundred-fifteenth row: $4,11 \pm 0,1$
- Distance from the hundred-fifteenth row of holes to the hundred-sixteenth row: $6,86 \pm 0,1$ </

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								material: SEE SHEET 1		
					date	name	title: P.C.B. HOLE DRILLINGS D-SUB FEMALE 90° 15pos. 0.370inch ANGLED with riveted insert and mounting bracket			
					drawn 14.04.2016	Unkrüer				
					appd. 15.04.2016	Lehmenkühler				
					norm					
					d-old		dwg no:		DIN- A3 sh: 2/2	
	a	Original						16K1A3771		
	rev.	description	date	name						
							part no: SEE SHEET 1			