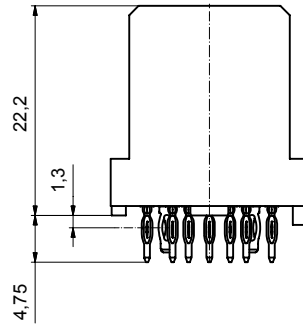
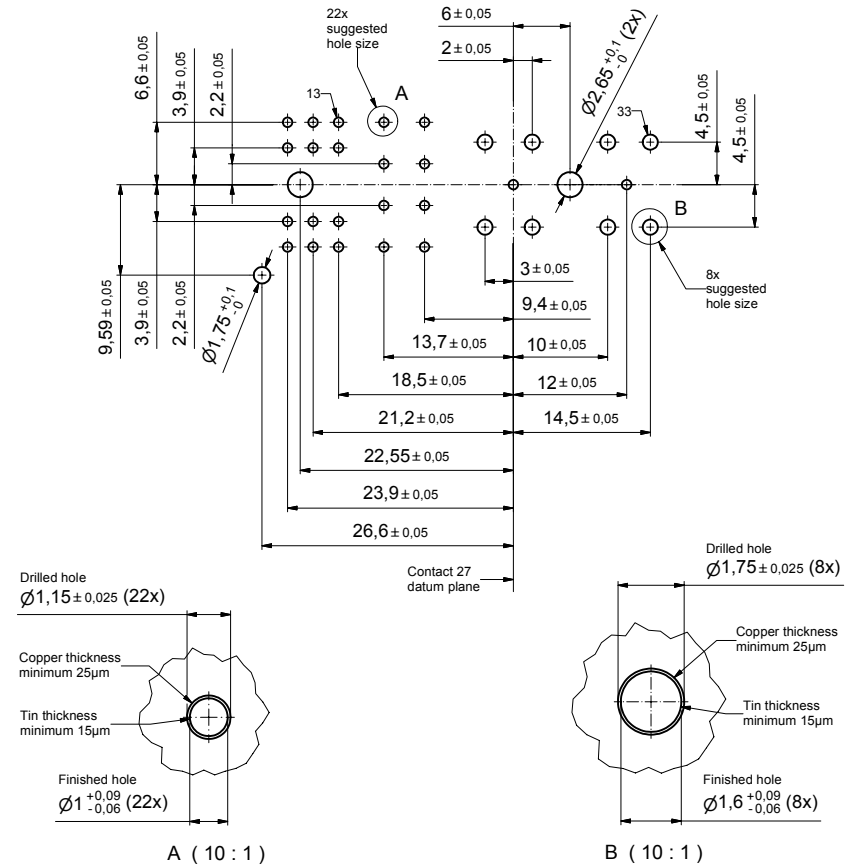


NOTES:

- MATERIALS AND FINISHES:**
 - INSULATOR: GLASS FILLED PLASTIC UL 94 V-0 RATED, GREY RAL 7035
 - CONTACTS: COPPER ALLOY, PLATING MATING AREA: 0,8 µM GOLD OVER NICKEL
PLATING TERMINATION AREA: 0,8-1,5 µM TIN (SN 100)
- ELECTRICAL CHARACTERISTICS:**
 - CREEPING AND CLEARANCE DISTANCE; MINIMUM SPACING:
 - CONTACTS 5-16 TO ANY OTHER CONTACT WITHIN THIS GROUP: 0,7 MM
 - CONTACTS 17-24 TO ANY OTHER CONTACT WITHIN THIS GROUP: 2,5 MM
 - CONTACT 25 TO 26: 5,5 MM
 - CONTACTS 27-34 TO ANY OTHER CONTACT WITHIN THIS GROUP: 1,4 MM
 - CONTACTS 13-16 TO 17-20: 3,0 MM
 - CONTACTS 21-24 TO 25-26: 4,0 MM
 - CONTACTS 25-26 TO 27-29: 2,0 MM
- CONTACT CURRENT RATING:**
 - POWER CONTACTS: 16 AMPERES MINIMUM,
TESTED PER CSA C22.2 NO. 182.3-M1987, ALL CONTACTS UNDER LOAD
 - SIGNAL CONTACTS: 2 AMPERES NOMINAL
- INITIAL CONTACT RESISTANCE PER IEC 512-2, TEST 2b:**
 - POWER CONTACTS: 0,0022 OHM MAX.
 - SIGNAL CONTACTS: 0,0085 OHM MAX.
- INSULATION RESISTANCE: 5 G OHM PER IEC 512-2, TEST 3a, METHOD A**
- POSITIONS WITHOUT CONTACTS: 1, 2, 3, 4**
- WORKING TEMPERATURE: -55°C TO +125°C**
- PRESS-FIT PART OF CONTACTS ARE PATENT PROTECTED**
- CONNECTOR IS PART MARKED: [PART-NO. CONEC ABC]**



PCB hole pattern



Drilled hole
Ø1,15 ± 0,025 (22x)

Copper thickness
minimum 25µm

Tin thickness
minimum 15µm

Finished hole
Ø1 +0,09
-0,06 (22x)

A (10 : 1)

Drilled hole
Ø1,75 ± 0,025 (8x)

Copper thickness
minimum 25µm

Tin thickness
minimum 15µm

Finished hole
Ø1,6 +0,09
-0,06 (8x)

B (10 : 1)

22	Signal contact (Pos. 5-24,27,32)	3		
8	Power contact (Pos. 25,26,28-31,33,34)	2		
1	Case 34pos. female	1		
quantity	part description	item	dwg no. / norm	material
		partlist		
finish: see notes		tolerance ISO 2768-m	scale: 2,5:1 (10:1)	
		date	material: see notes	
		name		
		drawn 22.08.05	title: FEMALE CONNECTOR 30pos.	
		appd. 22.08.05	PRESS-FIT STRAIGHT	
		norm	AdvancedTCA	
		d-old	dwg no:	Inventor
			46K2A001	DIN-A2
				sh: 1
			part no: ATC30W08FGE1S5X	



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