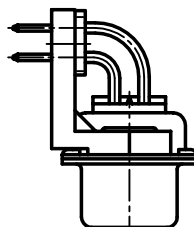
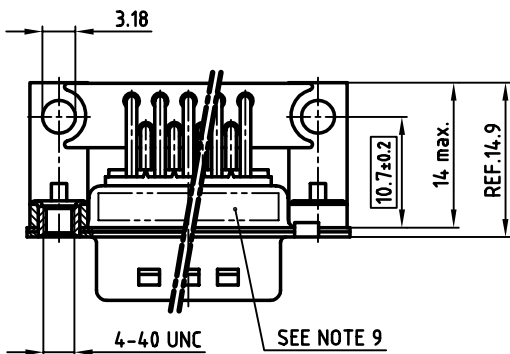
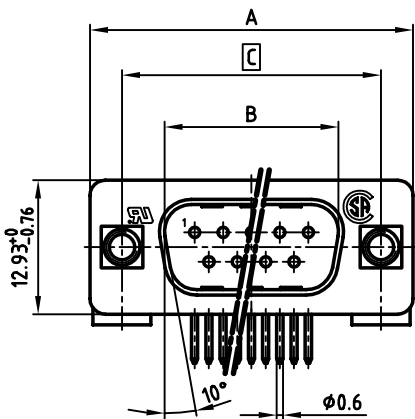
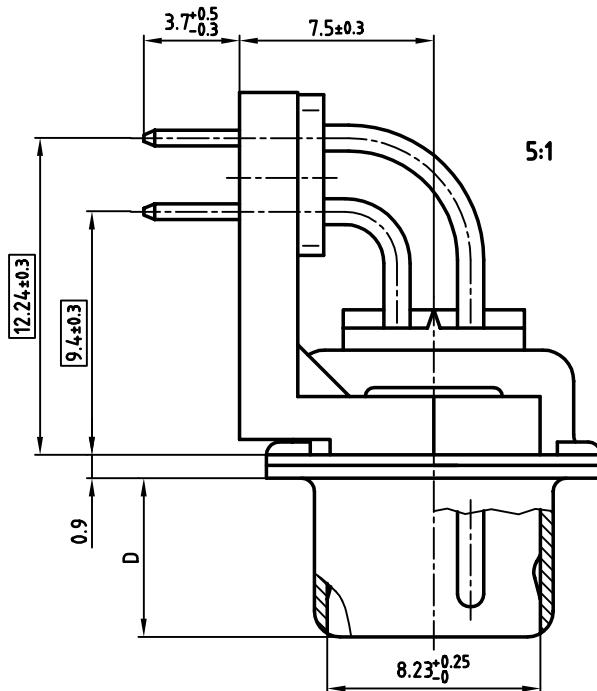


used for: D-SUB

POS.	A -0.76	B +0.25	C	D -0.3	Part-NO.
9	31.19	16.79	25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	6.12	163A12019X
15	39.52	25.12	33.30 $\begin{smallmatrix} +0.15 \\ -0.1 \end{smallmatrix}$	6.12	163A12029X
25	53.42	38.84	47.04 $\pm 0.13$	5.99	163A12039X
37	69.70	55.30	63.50 $\pm 0.13$	5.99	163A12049X



**NOTES:**

- METALSHELLS: STEEL; min. 320 $\mu$ " TIN
- INSULATORS: PBT GF UL 94 V-0, BLACK
- CONTACTS: COPPER ALLOY  
PLATING: min. 8 $\mu$ " HARD GOLD OVER min. 50 $\mu$ " NICKEL
- METAL BRACKET: STEEL; min. 320 $\mu$ " TIN over 80 $\mu$ " NICKEL
- THREADED INSERT: COPPER ALLOY; min. 200 $\mu$ " TIN over 80 $\mu$ " NICKEL
- FIXING-PLATE: PBT GF UL 94 V-0, BLACK
- P.C.B. HOLE DRILLINGS ON DRAWING 16K11IUA
- MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
- CONNECTOR IS PART MARKED: PART-NO. CONEC Y/WW
- = CRITICAL DIMENSION

Directive 2002/95 EC  
"RoHS"  
Compliant

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

CUSTOMER APPROVAL DATE:

NAME: TITLE:

COMPANY NAME:

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL

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rev.	description	date	name

tolerance  $\begin{smallmatrix} \text{---} \\ \text{---} \end{smallmatrix}$  dim. in mm

scale: 2:1 (5:1)

material: SEE NOTES

title: **D-SUB MALE 90°**  
9-37pos. 0.370inch  
threaded insert, metal bracket, fixing-plate

dwg no: AutoCAD 2000 DIN-A

**16K1A824** 3 sh:1/1

part no: SEE TABLE

**CONEC**

6

5

4

2

1