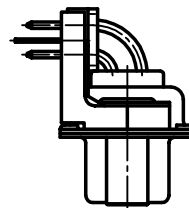
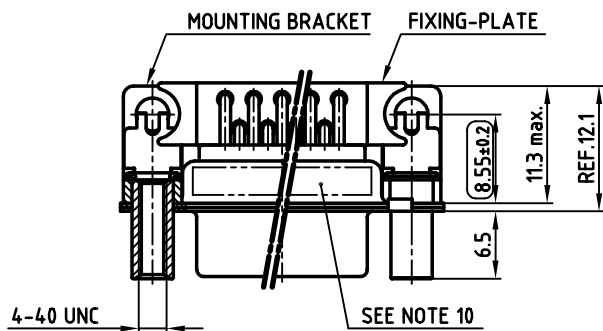
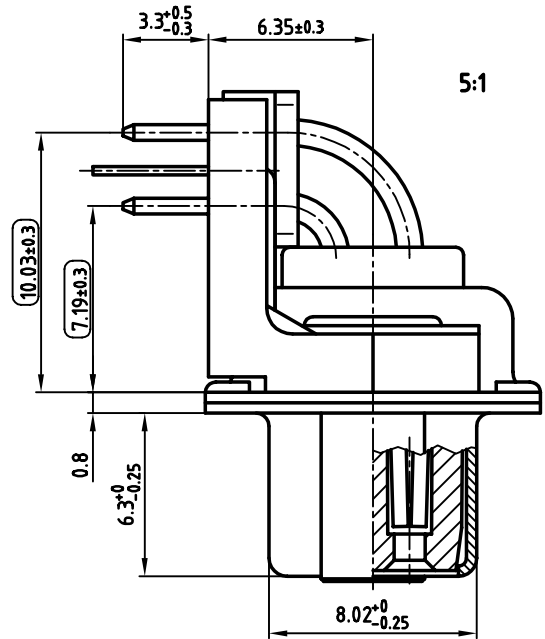
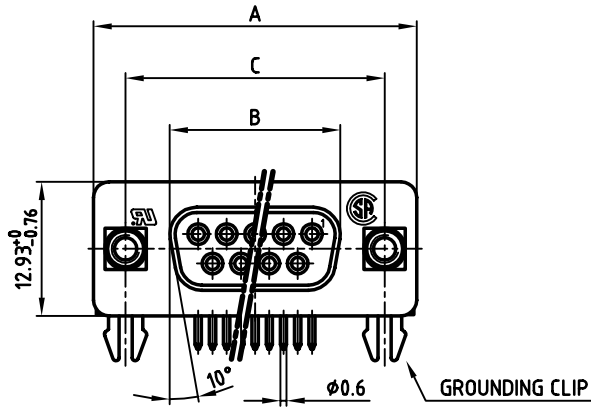


used for:	D-SUB
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NOTES:

1. METAL SHELLS: STEEL; min. 320μ" TIN
2. INSULATORS: PBT GF UL 94 V-0, BLACK
3. CONTACTS: COPPER ALLOY
PLATING: 8μ" HARD GOLD OVER min. 50μ" NICKEL
4. MOUNTING BRACKET: PBT GF UL 94 V-0, BLACK
5. THREADED LOCK: COPPER ALLOY; min. 200μ" TIN over 80μ" NICKEL
6. GROUNDING CLIP: COPPER ALLOY; min. 200μ" TIN over 80μ" NICKEL
PCB-HOLE: $\phi 3.1 \pm 0.1$; PCB THICKNESS 1.6mm
7. FIXING-PLATE: PBT GF UL 94 V-0, BLACK
8. P.C.B. HOLE DRILLINGS ON DRAWING NO.: 16K111UA
9. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
10. CONNECTOR IS PART MARKED:

PART-NO.	CONEC	Y/WW
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11.

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 = CHECK DIMENSION

POS.	A -0.76	B -0.25	C	PART NO.
9	31.19	16.46	25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	164A18889X
15	39.52	24.79	33.30 $\begin{smallmatrix} +0.15 \\ -0.16 \end{smallmatrix}$	164A18899X
25	53.42	38.50	47.04 ± 0.13	164A18909X
37	69.70	54.96	63.50 ± 0.13	164A18919X

Directive 2002/95/EC
"RoHS"
Compliant

APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACION * APPROVAL	APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACION * APPROVAL
CUSTOMER APPROVAL DATE: 	
NAME: 	TITLE:
COMPANY NAME: 	
APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACION * APPROVAL	APPROVAL * FREIGABE * DEBLOCKAGE * AUTOR/ZACION * APPROVAL

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				tolerance		 dim. in mm		scale: 2:1 (5:1)	
								material: SEE NOTES	
				2003	date	name		title: D-SUB FEMALE 90° 9-37pos. 0.318inch mounting bracket, threaded lock, grounding clip	
				drawn	22.09.	Lehmenkühler			
				appd.	22.09.	Mickenbecker			
				norm	DIN 41652				
				d-old					
						dwg no:		AutoCAD 2000	DIN-A
						16K1A1017		3	sh: 1/1
rev.	description	date	name			part no:		SEE TABLE	