

# TECHNICAL DATA

" D " SUBMINIATURE CONNECTORS

SHELL :Steel .  
finish : tinned

BODY : Glass filled thermoplastic .  
Flame retardant to UL 94 V-0 .  
Colour : black .

CONTACTS :Material for sockets : bronze  
Material for pins brass  
Finish of contact mating area and termination :  
Gold over Nickel

ELECTRICAL Voltage rating 300 V Rms to 50Hz .  
Nominal current 7,5 A (size20)  
Voltage proof >1000 V Rms to 50 Hz  
Contact resistance <5m Ohms .  
Insulator resistance >5000 M Ohms .

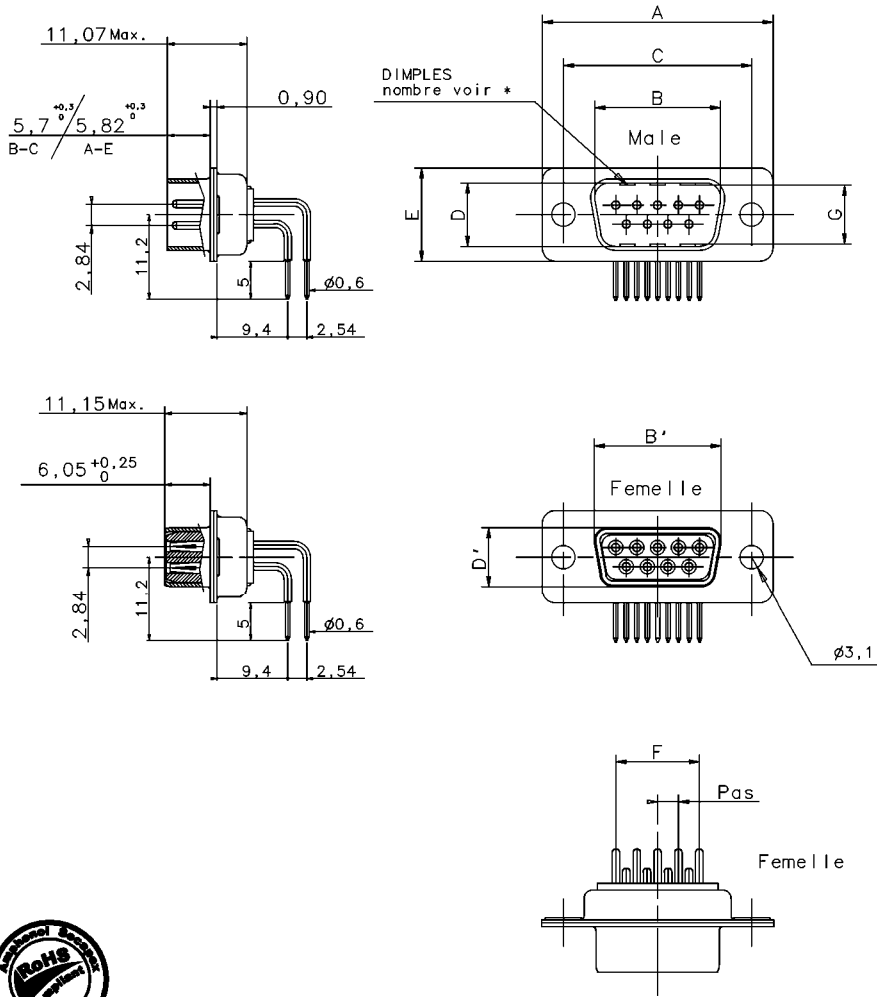
CLIMATIC Temperature range -40°C +125°C  
Damp heat 56 days (40°C - 95 % RH )

MECHANICAL Insertion force per contact 1,2N < F <2,5 N  
Extraction force per contact 0,4 N mini  
Mating and unmating force size E 30N maxi 3.5N mini  
A 50N maxi 4.5N mini  
B 83N maxi 8.0N mini  
C 123N maxi 11N mini  
D 166N max 14.5N mini  
(With or without dimples)

MARKING Amphenol - ... (serie number)  
Commercial reference  
Manufacturing date

L 717D B 25 P 1AON

L = RoHS	717 Tinned Shell - Flash gold 177 Tinned Shell - 15 μ' gold 717 Tinned Shell with dimples - Flash gold 777 Tinned shell with dimples - 15 μ' gold monobloc dielectric	B	25	P	1AON
Shell size : E-A-B-C-D	Configuration : 09-15-25-37-50	contact type : Right angle 90° HE501 Shell ø 3,1		Contact type : S = female P = male	



Taille boîtier	A	B'	B	C	D'	D	E	F ±0,05	Pas	G	*
E	5,7	11,15	11,07	19,20	7,03	12,93	12,93	10,98	2,74	7,62	2x3
A	5,7	11,15	11,07	19,20	7,03	12,93	12,93	19,20	2,74	7,62	2x5
B	5,7	11,15	11,07	19,20	7,03	12,93	12,93	33,12	2,76	7,62	2x8
C	5,7	11,15	11,07	19,20	7,03	12,93	12,93	49,68	2,76	7,62	2x12
D	5,7	11,15	11,07	19,20	7,03	12,93	12,93	44,20	2,76	10,5	2x12

Amphenol Socapex Usine de Dole			
IND. MODIFICATION	DATE	Execu/Approv	DOSSIER:NOTICE-17D
N SERIE	DESIGNATION	L**7D **** 1AON	