



Taille boîtier	A	B'	B	C	D'	D	E	F ±0,05	Pas	G	*
E	11,07	11,15	11,07	11,07	11,07	11,07	11,07	11,07	11,07	11,07	2x3
A	11,07	11,15	11,07	11,07	11,07	11,07	11,07	11,07	11,07	11,07	2x5
B	11,07	11,15	11,07	11,07	11,07	11,07	11,07	11,07	11,07	11,07	2x8
C	11,07	11,15	11,07	11,07	11,07	11,07	11,07	11,07	11,07	11,07	2x12
D	11,07	11,15	11,07	11,07	11,07	11,07	11,07	11,07	11,07	11,07	2x12

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 :
0,76 µm Gold over Nickel

ELECTRICAL Voltage rating 300 V Rms to 50Hz .
Nominal current 7,5 A (size20)
Voltage proof >1100 V Rms to 50 Hz
Contact resistance <5m Ohms .
Insulator resistance >5000 M Ohms.

CLIMATIC Temperature range -55°C 125°C
Damp heart 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 maxi 14,5N mini
(With or without dimples)

MARKING Amphenol -(serie number)
Commercial reference
Manufacturing date

L *77DF * ** *

L = RoHS

777 Tinned Shell
777 Tinned shell with DIMPLES
monobloc dielectric

Shell size :
E-A-B-C-D

Mounting type

Configuration :
09-15-25-37-50

contact type :
Solder pot

Contact type : S = female
P = male

Amphenol Socapex Usine de Dole			
Echelle: 1:5		PLAN NOTICE	
Creation plan	01/12/05	Vallet	
IND. MODIFICATION	DATE	Execut	Approb
N SERIE	DESIGNATION		
017F	L*77DF * ** *		