



Pin	A	B'	B	C	D'	D	E	F	Pos	G	+
E	10.98	2.74	7.62	2x3	10.98	2.74	7.62	2x3			
A	19.20	2.74	7.62	2x5	19.20	2.74	7.62	2x5			
B	33.12	2.76	7.62	2x8	33.12	2.76	7.62	2x8			
C	49.68	2.76	7.62	2x12	49.68	2.76	7.62	2x12			
D	44.20	2.76	10.5	2x12	44.20	2.76	10.5	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 : brass
Material for pins brass
Finish of contact mating area :
20µ inch 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 <8.5m Ohms
Insulator resistance >5000 M Ohms

CLIMATIC Temperature range -55°C +85°C
Damp heat 21 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 11.0N mini
D 166N maxi 14.5N mini
(With or without dimples)

MARKING Amphénol -(serie number)
Commercial reference
Manufacturing date

L 777D E 09 S

L = ReHS

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 cap

Contact type : S = female
P = male

Amphenol Socapex
Usine de Dole

SCHÉMA 1-1

PLAN NOTICE

017F

L**7D****

ORGANISATION ET UTILISATION REPRODUIRE SANS AUTORISATION

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