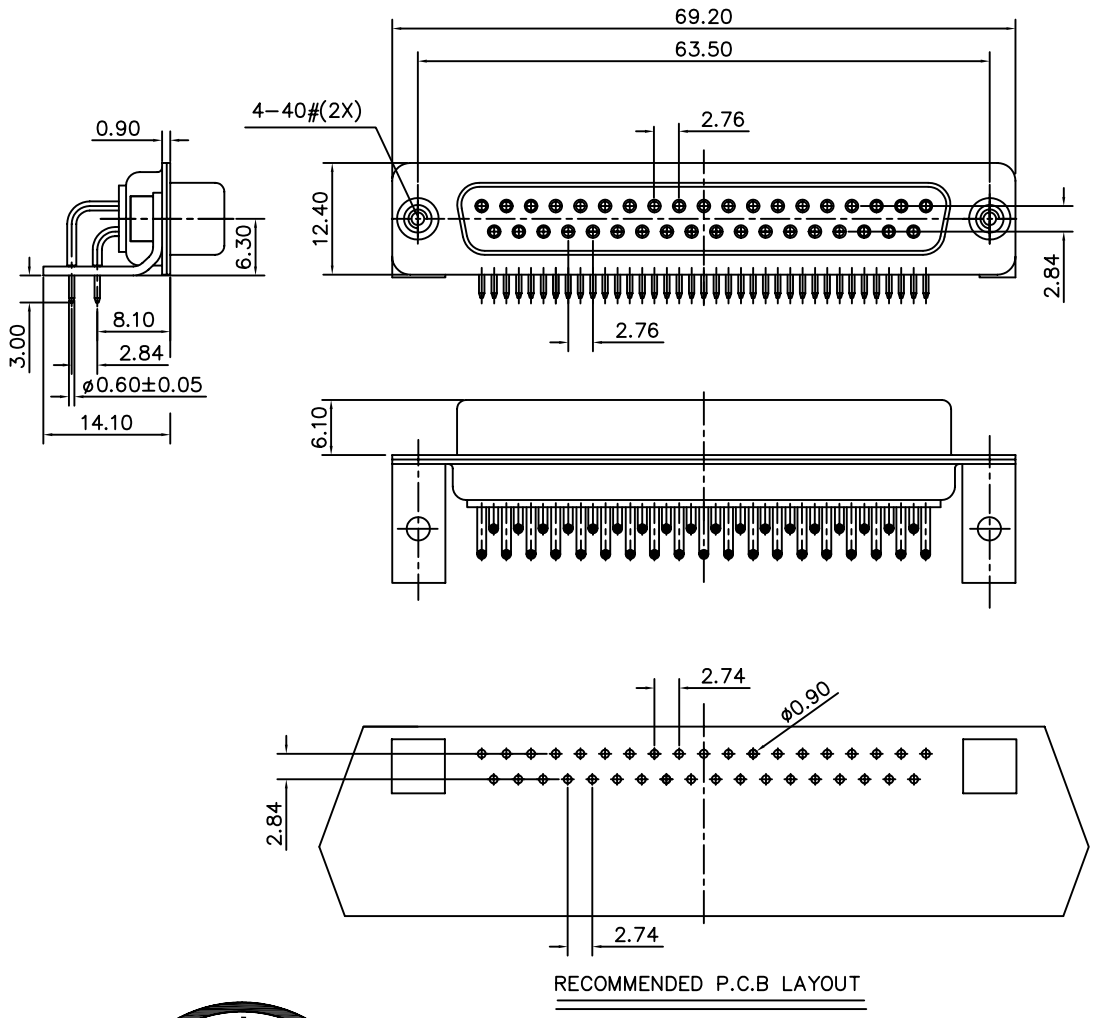


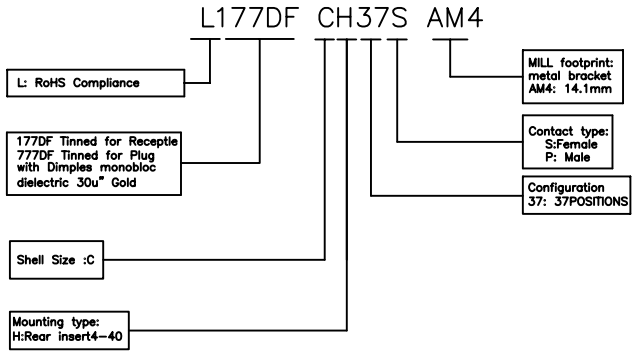
RECOMMENDED P.C.B LAYOUT

TECHNICAL DATA

D–SUBMINIATURE CONNECTORS

SHELL : Steel
Finish : Tinned
BODY : Glass filled thermoplastic.
Flame retardant to UL94 V–0
Color : Black
CONTACTS : Material for Copper Alloy
Finish of contact mating area:
Gold plating over Nickel
ELECTRICAL : Voltage rating 300 V Rms to 50 Hz
150 V Rms to 50 Hz(Shielded contacts)
Nominal current 7.5 A (Size 20)
0.5 A (Shielded contacts)
Withstanding Voltage >1000 V Rms to 50 Hz
Contact resistance 50 mOhms max.
Insulator resistance >5000 M Ohms
CLIMATIC : Temperature range –55 degree up to 155 degree
Damp heart 56 days(40 degree–95% HR)
Other climatic specification in accordance with
NF C93–425 Sheet HE507
MACHANICAL : Insertion force per contact 1.2N <F<2.5N(Size 20)
Extraction force per contact 0.4N MINI.(Size 20)
Mating and unmating force size B 83N Max.8.0 N mini.
MARKING : Amphenol–...(Series No.)
Commercial referance
Manufacturing date

PRODUCT CODE



Amphenol Shenzhen RoHS Compliant EU2002/95/EC

Amphenol Socapex	TOL. GEN. : +/-0.30									
	VOLUME:									
	AREA:									
	PLATING:									
SERIES	TREATMENT:									
NUMBER SERIES DF	MATERIAL:				origin drawing	Lik	07/18'06	Gilles	A	
	FILE:	CUSTOMER		MODIFICATIONS	DRAW	DATE	APPROVE	IND.		
DATE 2006.07.18	DESIGNATION D–SUB CONNECOTR	COMMENCIAL PART NUMBER L177DFCH37SAM4								