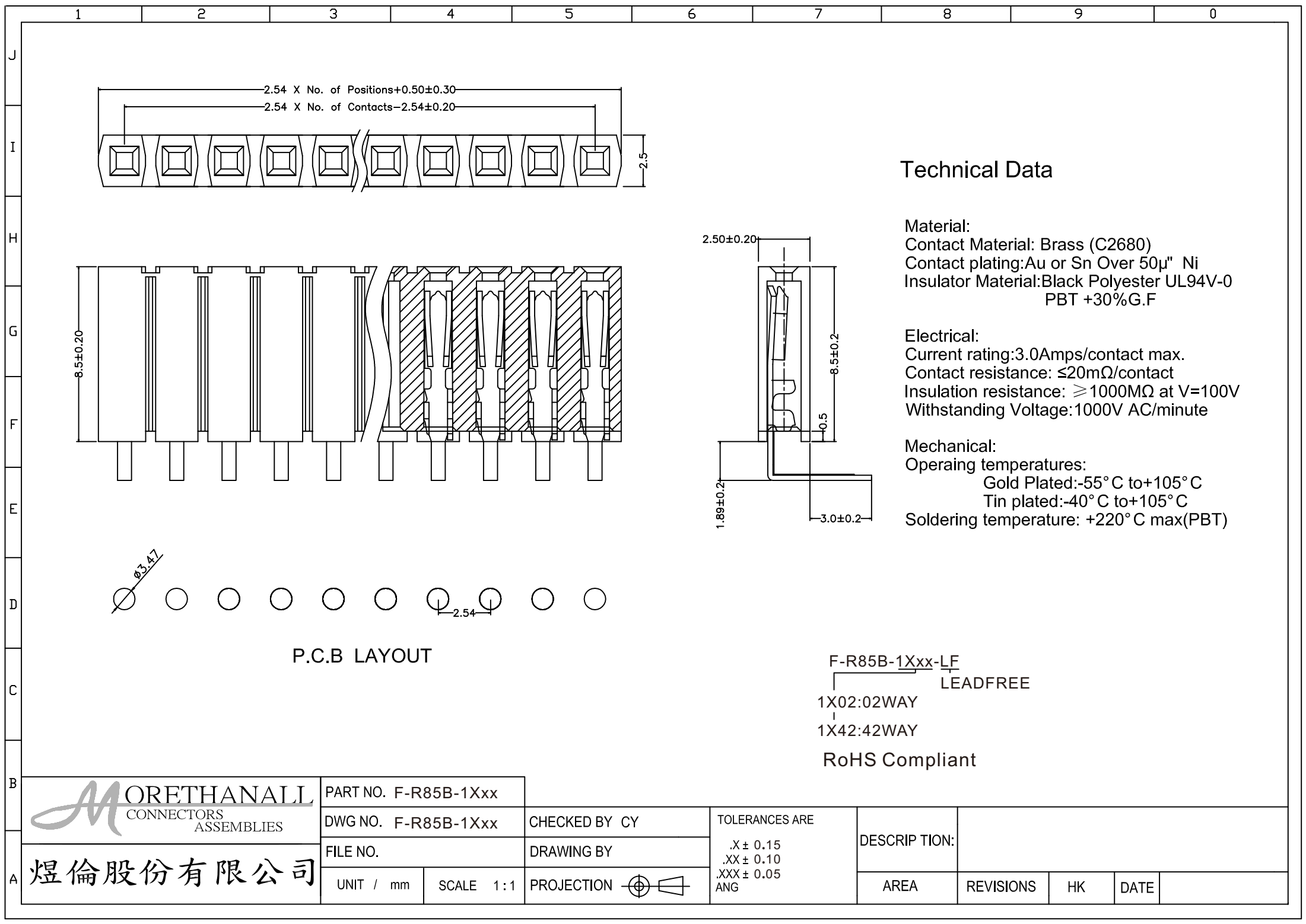




Technical Data

Material:
Contact Material: Brass (C2680)
Contact plating: Au or Sn Over $50\mu\text{m}$ Ni
Insulator Material: Black Polyester UL94V-0
PBT +30%G.F

Electrical:
Current rating: 3.0Amps/contact max.
Contact resistance: $\leq 20\text{m}\Omega/\text{contact}$
Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$
Withstanding Voltage: 1000V AC/minute

Mechanical:
Operating temperatures:
Gold Plated: -55°C to $+105^{\circ}\text{C}$
Tin plated: -40°C to $+105^{\circ}\text{C}$
Soldering temperature: $+220^{\circ}\text{C}$ max(PBT)

P.C.B LAYOUT

F-R85B-1Xxx-LF
LEADFREE
1X02:02WAY
1X42:42WAY

RoHS Compliant

MORETHANALL CONNECTORS ASSEMBLIES 煜倫股份有限公司	PART NO. F-R85B-1Xxx								
	DWG NO. F-R85B-1Xxx		CHECKED BY CY	TOLERANCES ARE .X ± 0.15 .XX ± 0.10 .XXX ± 0.05 ANG	DESCRIP TION:				
	FILE NO.		DRAWING BY						
	UNIT / mm	SCALE 1:1	PROJECTION 		AREA	REVISIONS	HK	DATE	