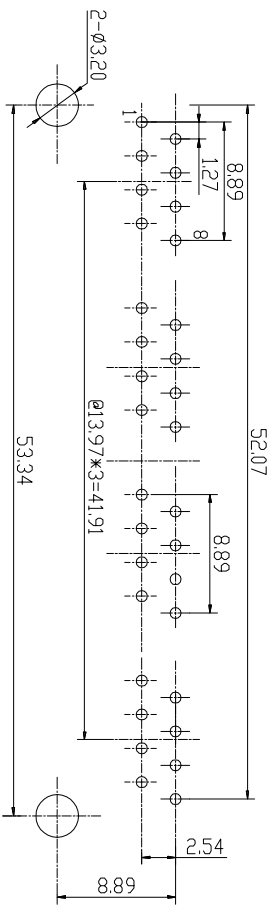
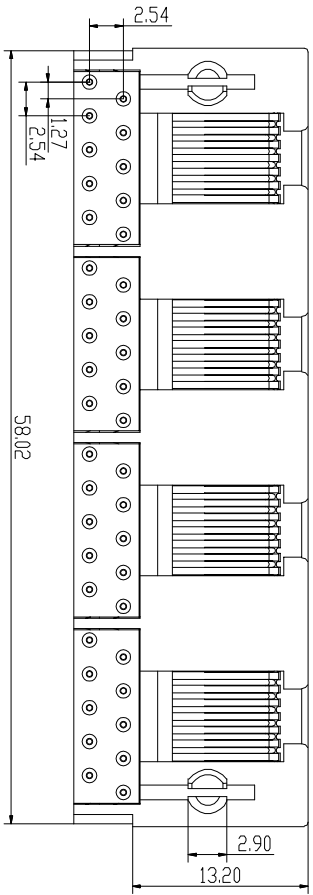


SCHEMATIC PLOT



RECOMMENDED PCB BOARD LAYOUT
TOP VIEW THICKNESS=1.6MM

- NOTES:
- 1) MATERIAL
 - 1.1 HOUSING: PBT UL94V-0
 - 1.2 INSERT: PBT UL94V-0
 - 1.3 TERMINALS: PHILSPHOR BRONZE $\phi 0.45^{+0.01}$ mm, OPTIONAL GOLD PLATING OVER NICKEL
 - 2) ELECTRICAL PERFORMANCE
 - 2.1 CURRENT RATING: 1.5 AMP
 - 2.2 VOLTAGE RATING: 125 VAC
 - 2.3 CONTACT RESISTANCE: 30m Ω MAX
 - 2.4 INSULATION RESISTANCE: 500M Ω MIN @1000VDC
 - 2.5 DIELECTRIC STRENGTH: 1000V AC OR 1500V DC RMS @0.5mA 50 HZ OR 60 HZ 1 MINUTE
 - 3) MECHANICAL PERFORMANCE
 - 3.1 MATING/UNMATING FORCE: 22N/2.27KG MAX.
 - 3.2 RETENTION STRENGTH: 70N BETWEEN JACK AND PLUG
 - 3.3 DURABILITY: 750 MATING CYCLES MIN.
 - 4) ENVIRONMENTAL
 - 4.1 STORAGE: -40°C~+85°C RELATIVE HUMIDITY <80%
 - 4.2 OPERATION: 0°C~+70°C

ECN NO.		REV.	DATE	DESCRIPTION	CHANGE	CHECK	APPRO.	APPROVALS	DATE	TITLE	
A				NEW				DRAWN	ZHWEILCHEN	2015.07.07	RJ CONNECTOR
								CHECKED			PART NO.
								APPROVALS			RJ45-9W14-DDN-BB-88-Y1
								TOLERANCES ARE			SCALE: 1:1
								30° ±1.5	±0.30	ANGLE	UNIT: mm
								0.50	±0.5	±2°	PROJ.
								5	±0.10		DRAWING NO.
											SHEET 1 OF 1

