

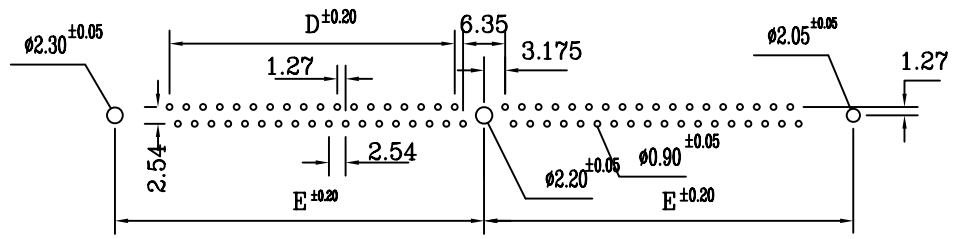
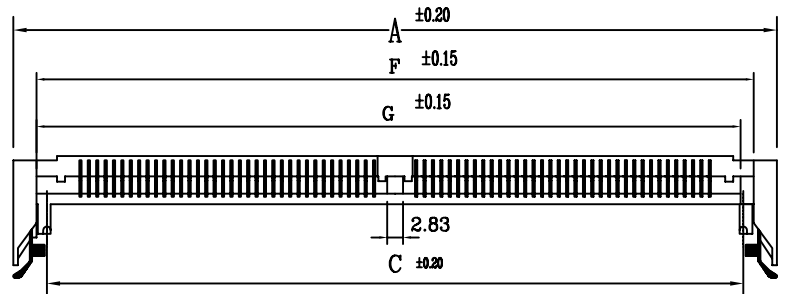
SIM Series

MATERIALS

- * Body: Liquid Crystal polymer (LCP)
UL 94V-0
- * Contact: Bronze
- * Contact Plating: Tin plating over Nickel.
- * Recommended industry standard modules
(1.19mm[0.47in.] to 1.37mm[0.54in.] thick)

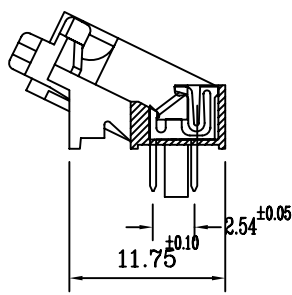
SPECIFICATIONS

- * Contact rating: 1Amp
- * Contact resistance: 30 Megohms Max.
- * Insulation resistance: 1000 Megohms at 500 DC
- * Dielectric strength:
1.27mm[0.05in.] pitch-1000VAC RMS
2.54mm[0.10in.] pitch-1500VAC RMS
- * Capacitance: 1 pF Max.
- * Vibration: MIL-STD-1344A
- * Duridity: 30 Cycles
- * Insertion force: 0g
- * Withdrawal force: 0g
- * Contact (normal) force: 150g Min.
- * Contact retention force:
2 pounds per circuit Min.
- * Operating and storage temperature:
-40°C to +100°C
- * Humidity: MIL-STD-202, Method 106D,
10 days
- * Temperature soak: 85°C for 160 hours
- * Thermal shock: 5 cycles,
-40°C to +85°C per MIL-STD-202,
Method 107E



P.C.B. Layout

(UNITS:mm)



SCALE:2/1

CONTACT	A	B	C	D	E	F	G	H
64P	105.54	85.34	91.30	38.10	50.82	98.20	96.15	2.45
72P	115.70	95.50	101.46	43.18	55.90	108.35	106.30	2.45
80P	125.90	105.55	111.70	48.26	60.98	118.50	116.50	2.10

HSM-A-1Xxx-LF
LEADFREE

RoHS Compliant



PART NO. HSM-A-1Xxx

DWG NO. HSM-A-1Xxx

FILE NO.

CHECKED BY CY

DRAWING BY

TOLERANCES ARE
.X ±
.XX ±
.XXX ±
AWG

UNIT / mm

SCALE 1:1

PROJECTION

DESCRIPTION:					
AREA	REVISIONS	HK	DATE		

煜倫股份有限公司

