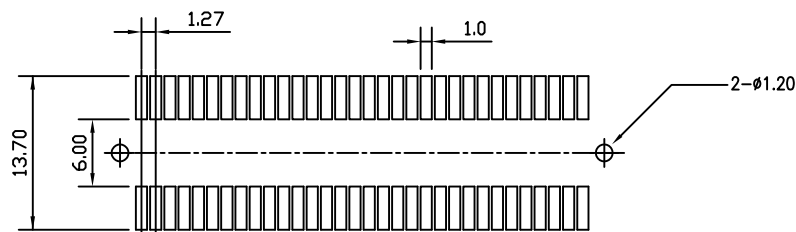


SECTION A-A



RECOMMENDED PCB LAYOUT (TOP VIEW)

**MATERIAL**  
 INSULATOR: GLASS-REINFORCED THERMOPLASTIC PPS.  
 CONTACT: COPPER ALLOY.  
 PLATING: MATING AREA - SELECTED GLOD OVER NICKEL.  
 SOLDER AREA - TIN OVER NICKEL.

**ELECTRICAL**  
 VOLTAGE RATING: 250 VAC RMS.  
 CURRENT RATING: 1 AMP.  
 DIELECTRICAL WITHSTANDING VOLTAGE: 500 VAC RMS 60 Hz FOR 1 MINUTE  
 INSULATION RESISTANCE: 1000 MEGOHMS MIN AT 500 VDC.  
 CONTACT RESISTANCE: 30 MILLIOHMS MAX AT 1 AMP DC.

**MECHANICAL**  
 RETENTION FORCE: 460 GRAMS MIN PER CONTACT.  
 INSERTION FORCE: 230 GRAMS MAX PER CONTACT PER.  
 WITHDRAWAL FORCE: 15 GRAMS MIN PER CONTACT PER.

**ENVIRONMENTAL**  
 TEMPERATURE RANGE: -55°C TO +85°C.

DIM. / Pin NO.	A	B	C	D
20PIN	16.26	13.97	11.43	15.09

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X. ± 0.40

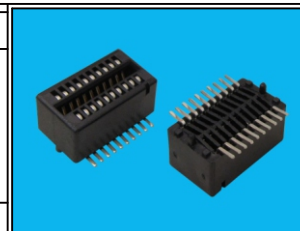
.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

ANG ±

PJECTION



ORDER INFORMATION

HEL-V81P-020-LF  
 SERIES | | LEADFREE  
 | | 20 WAY  
 | | POST  
 | | HIGH 8.1mm  
 | | 180°SMT

DESCRIPTION: 1.27 CARD EDGE SMT , POST TYPE LOW PROFILE