

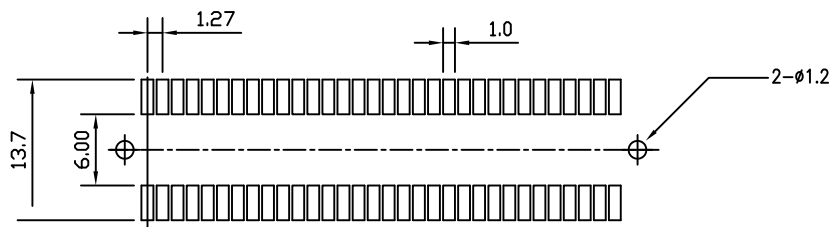
MATERIAL
 INSULATOR: GLASS-REINFORCED THERMOPLASTIC PPS.
 CONTACT: COPPER ALLOY.
 PLATING: MATING AREA - SELECTED GLOD OVER NICKEL.
 SOLDER AREA - TIN OVER NICKEL.

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.

SECTION A-A



RECOMMENDED PCB LAYOUT (TOP VIEW)

Pin NO. \ DIM.	A	B	C	D
20PIN	16.26	13.97	11.43	15.09
30PIN	22.60	20.32	17.78	21.44

MORETHANALL
 PCB CONNECTORS
 Cable ASSEMBLIES

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RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT/mm

SCALE 1:1

DATE

SIZE A4

TOLERANCES ARE

X. ±
 .X ±
 .XX ±
 .XXX ±
 ANG ±

PJECTION



ORDER INFORMATION

HEL-V81P-xxx-LF
 SERIES | | LEADFREE
 | | 020,030WAY
 | | POST
 | | HIGH 8.1mm
 | | 180°SMT

DESCRIPTION: 1.27 CARD EDGE SMT , POST TYPE LOW PROFILE