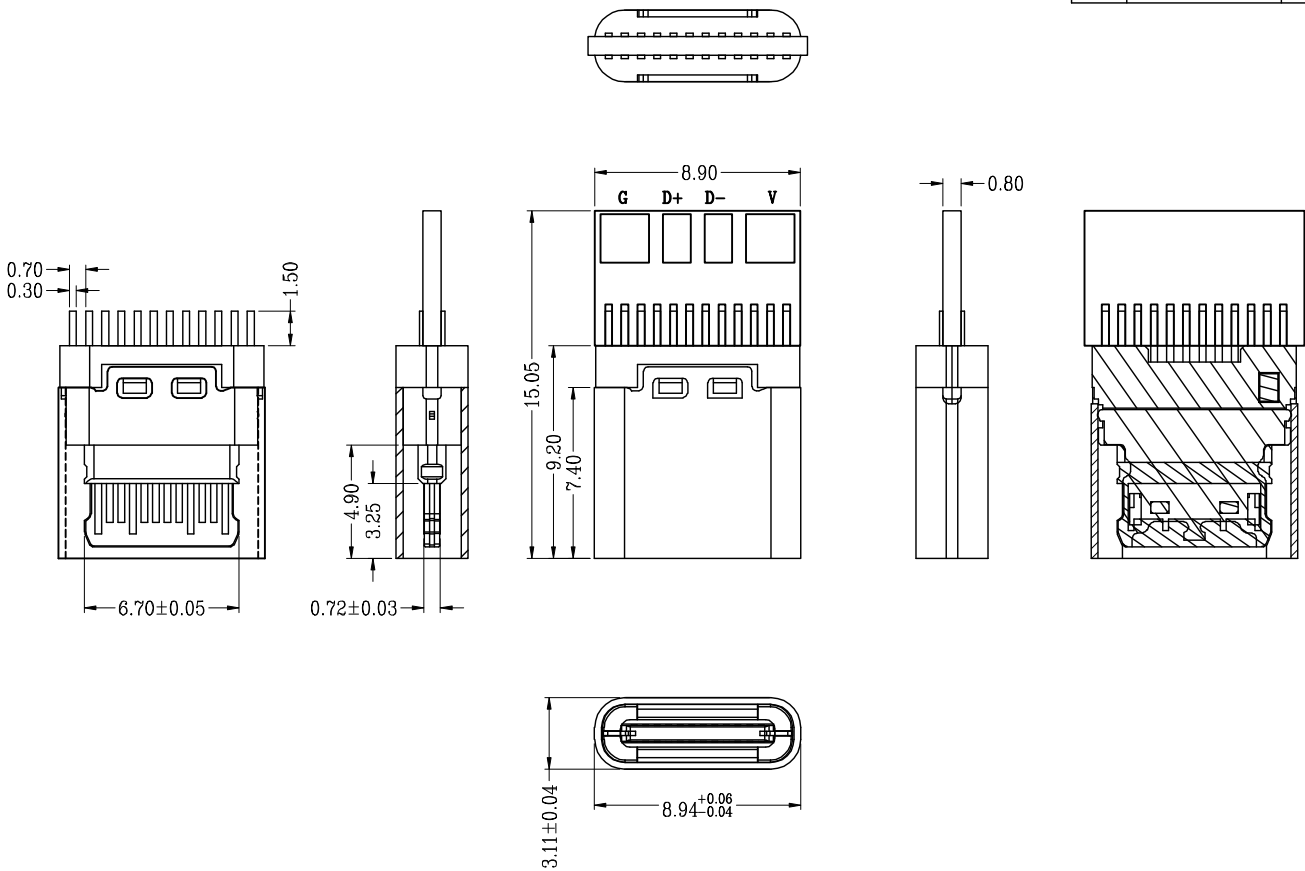
REV. 版本	ECN NUMBER 工程变更编号	DESCRIPTION 更改内容	DRAWING 制图	DATE 日期



NOTE:
1.MATERIAL SPECIFICATION:
1-1.HOUSING:LCP,UL94 V-0
1-2.CONTACTS: C1814
1-3.SPRING:STAINLESS STEEL
1-4.FRONT SHELL: STAINLESS STEEL
1-5.SHIELDING PLATE: STAINLESS STEEL
2.PLATING SPECIFICATION:
2-1.CONTACTS:
GOLD PLATING ALL OVER 50u" Min NICKEL
AND 100u"Min Tin ALL OVER 50u" Min NICKEL
ON SOLDER AREA
2-2.FRONT SHELL&SHIELDING PLATE:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.SPRING:
CLEAR ONLY.
3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40m?/PIN MAX.
SHIELD: 50m?/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10m?.
4-3.INSULATION RESISTANCE: 100M? MIN
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

项目	名 称	规 格 要 求
6	电 路 板	FR4双面板表面处理:铜箔底镀镍镍，焊盘镀亮锡；印字白色:元件焊盘印字,
5	钢 壳	材质SUS201镀珍珠镍
4	中夹片	材质SUS201 T=0.2MM
3	卡 勾	
2	塑 胶	材质LCP,黑色
1	端 子	材质C2680 T=0.15 ,镍底80u",贴板区镀锡100u",接触区镀金1u"

TOLERANCE UNLESS OTHERWISE SPECIFIED
X.± 0.15 X.°± 3°
.X± 0.10 .X°± 1°
.XX± 0.05

制图 DRAWIN	曾举名	单位 UNIT	mm
审核 CHECKED		比例 SCALE	1:1
核准 APPROVE	曾举名	页次 SHEET	1/1
日期 DATE	2021.03.13		

鸿康科技（东莞）有限公司

料号 PART NO.	HK-TYCF-Z18Y-0342	图号 DWG NO.	
品名 TITLE	Type3.1母座(四星)		
视角 PROJ.		纸张 SIZE	A4
		版本 REV.	A