SPECIFICATION C

RATED CURRENT: VBUS AND GND PIN 3.0 A
1.25 A FOR VCONN, OTHER PIN 0.25 A
RATED VOLTAGE:5 V
INSULATION RESISTANCE: 100 MΩ MIN.
CONTACT RESISTANCE: 40 mΩ MAX(INITIAL)
50 mΩ MAX (AFTER)
DIELECTRIC STRENGTH: 100 V AC
MATING FORCE: 5N ~20N
UNMATING FORCE: INITIAL: 8N ~ 20N(AFTER TEST: 6N ~ 20N)
OPERATING TEMPERATURE: -40°C TO +85°C
DURABILITY: 10000 CYCLES

MATERIAL C

HOUSING: LCP ,UL94V-0 BLACK
CONTACT: BRASS
SHELL: STAINLESS STEEL

USB TYPE C PIN ASSIGNMENTS

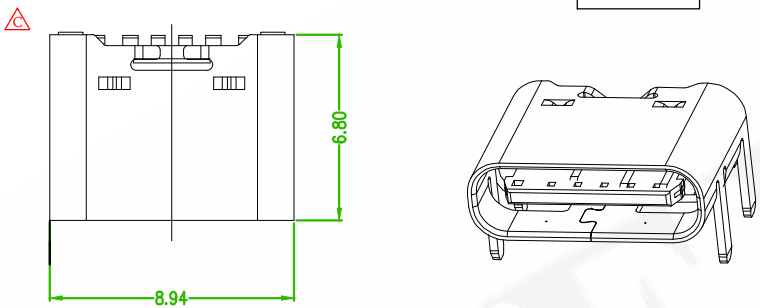
PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

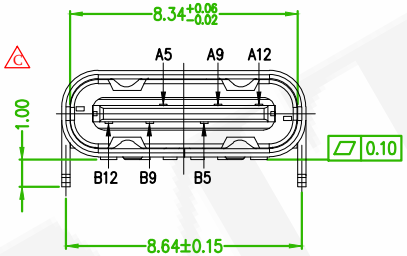
ORDER INFORMATION

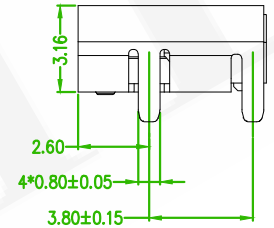
5 U S 4 C 0 5 M F - 1 0 6 X X X U X 4 1

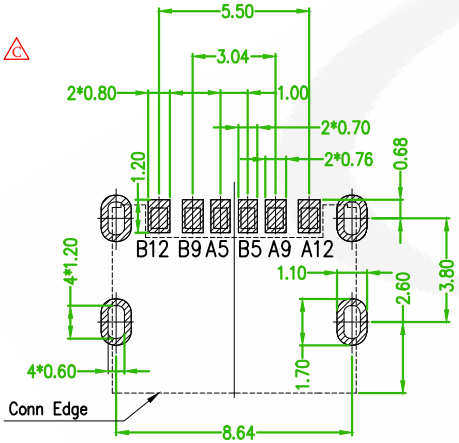
C
- S0:SELECTIVE Au"
- B:BLACK
- H:T/R W/O CAP
- RoHS

AMTEK糧德
2026.01.06
Released DCC

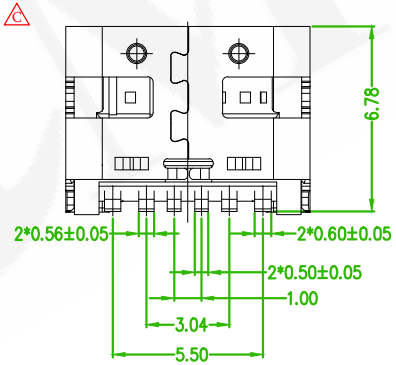








RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
C	ECN 202512081	Willy	2026/01/06
B	QEC No.:240116 Revise the drawing	Randy	2024/02/01
A	EasyFlow202312070003	Gaby	2023/12/08

糧德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

品名 TITLE	USB C FEMALE SMT R/A TYPE			頁數 Page	1/1
品號 PART NO.	5US4C05MF-106XXXXX41			繪圖 DRAWN	Gaby 2023/12/08
圖號 DRAWING NO.	GN195-GY421	版本 REV.	C	核對 CHECKED	Josh 2023/12/08
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2023/12/08
公差 TOLERANCE	.X ± 0.30 .XX± 0.20	單位 UNIT	mm	THIRD ANGLE PROJECTION	