SPECIFICATION

CURRENT RATING: 1.0 A
CONTACT RESISTANCE: ≤30 mΩ
INSULATION RESISTANCE: ≥500 MΩ AT 500V DC C
DIELECTRIC VOLTAGE: 30V AC FOR ONE MINUTE
OPERATION TEMPERATURE: -55°C to +105°C
DURABILITY: 5000 CYCLES C
INSERTION FORCE: 3.1Kgf MAX.
WITHDRAWAL FORCE: 0.5Kgf MIN.

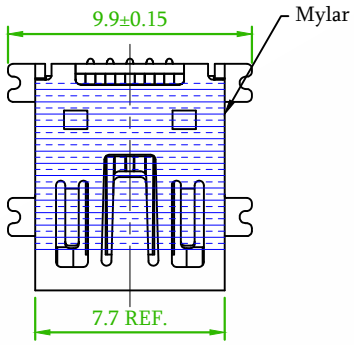
No.	Name	Q'ty	Material	Remarks&Thickness	Finish
3	Shell	1	Copper alloy	T=0.40mm	80u"min.Nickel Plated
2	Contact	5	Copper alloy	T=0.25mm	Contact area:0.8u"min.Gold Plated over 40u"Nickel min. Solder area:80u"min.Tin Plated over 40u"Nickel min.
1	Housing	1	L.C.P	UL 94-V0	Black

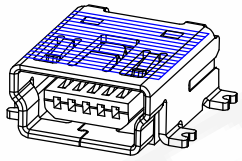
ORDER INFORMATION

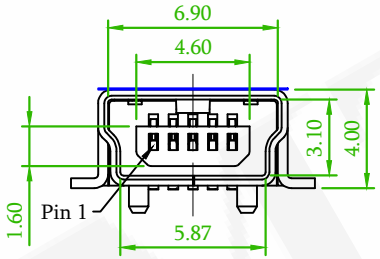
5 U M 2 B 0 2 M F - 1 0 5 S 0 B U X C X

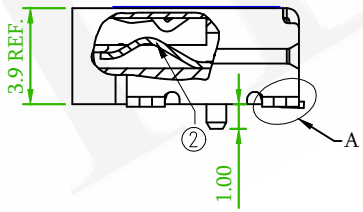
- 2:USB2.0
- F:FEMALE
- 1:1 PORT
- NO. OF CONTACTS
- S0:SELECTIVE Au"
- B:BLACK
- RoHS
- H:T/R W/O MYLAR M:T/R WITH MYLAR
- B
- 1: W/O MYLAR 2: WITH MYLAR

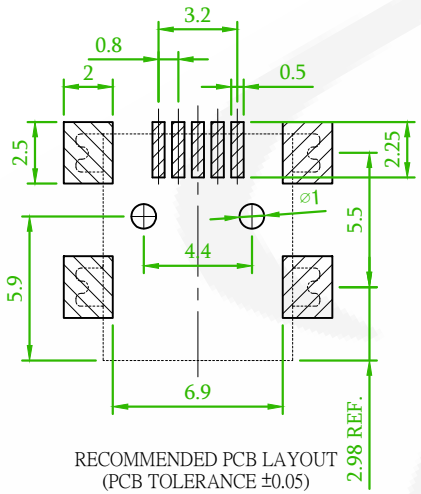
AMTEK糧德 2025.08.08 Released DCC



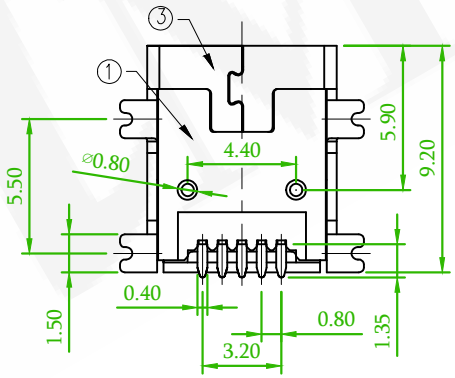


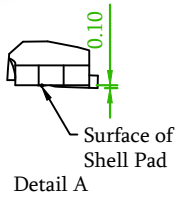






RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)





Old Part No. :MUSB-BS-5B

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
C	ECN 202507060	Willy	2025/08/08
B x1	ECN NO.: 180819, revise the P/N: 5UM2B02MF-105S0BUMC1 --> 5UM2B02MF-105S0BUMC2	Gary	2018/09/19

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	MINI USB B SMT R/A TYPE			頁數 Page	1/1
品號 PART NO.	5UM2B02MF-105XXXUXCX(1-2)			繪圖 DRAWN	Mia 2016/05/20
圖號 DRAWING NO.	GW062-GB401	版本 REV.	C	核對 CHECKED	Josh 2018/09/19
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/09/19
公差 TOLERANCE	.X ± 0.30 .XX± 0.20	單位 UNIT	mm	THIRD ANGLE PROJECTION	