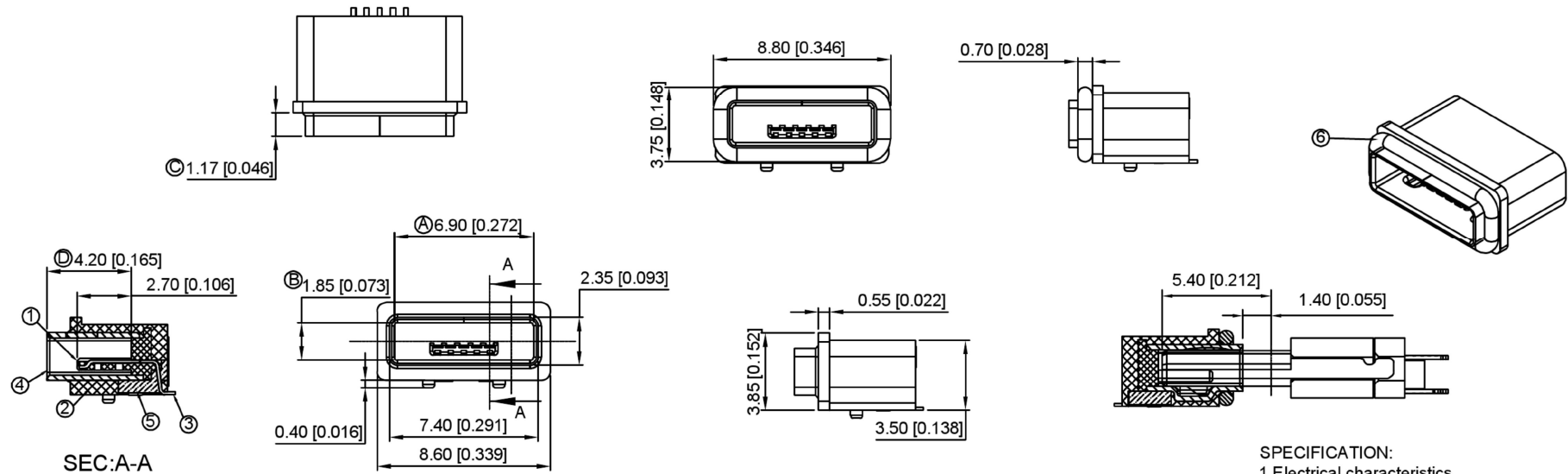




SPECIFICATION:

1. Electrical characteristics

1-1. Current rating:

Signal(Pins2,3,4):DC: 1A

Power(Pins1,5) :DC 1.8A

1-2: Voltage rating: AC 30V.

1-3: Contact resistance:

30mΩ max(initial)

50mΩ max(After Durability)

1-4: Insulation resistance:

100MΩ min.at 500V DC

1-5: Withstanding voltage:

100V AC for 1 minute.

2. Mechanical characteristics

2-1: Life test: 5000 cycles min.

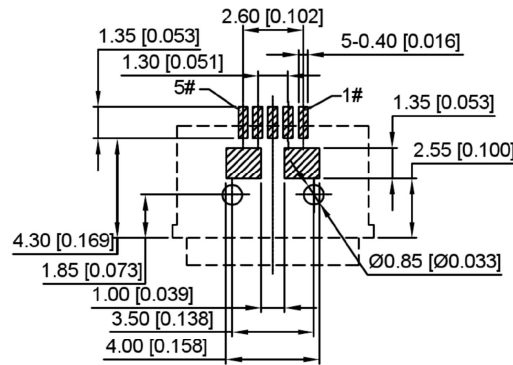
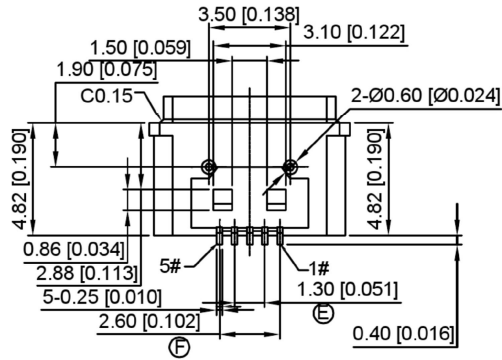
2-2: Mating force: 35N Max

Unmating force: 8N Min(initial).

6N Min(after life test)

3. Temperature range: -40℃~+80℃

4. Dustproof and waterproof grade: IP67



Recommended P.C.B Layout

Contact Number	Signal Name	Remarks
1#	VBUS	Power
2#	D-	Date-
3#	D+	Date+
4#	ID	Reserve or Gound
5#	GND	Gound

⑦	Oval ring	1	Rubber	Black
⑥	Glue	1	-----	Black
⑤	Screw	2	Brass	Nickel plated
④	Inner shell	1	Copper alloy or stainless steel	Nickel plated
③	Terminal	5	Copper alloy,0.15t	Gold Plated On Contact Area.
②	Outer shell	1	High temperature thermoplastic	Black
①	Body	1	High temperature thermoplastic	Black
ITEM	PART NAME	QTY	MATERIAL	FINISHING

							DSND		SCALE: N/A	MODEL TYPE: MICRO USB				
							DWN		VIEW: 	PART NO.:				
							CHKD		UNIT: mm/in	DWG NO.:				
							APPD		SIZE: A4	U-E-M5SS-W-1				
REVISIONS						UNSPECIFIED TOLERANCES						WEIGHT	SHEET	REVISION
www.alpsr.com www.gdxjdz.com www.xbswitch.com													1/1	A0