

UNLESS OTHERWISE SPECIFIED, TOLERANCE ON DECIMAL:±0.3

SPECIFICATIONS :

1. ELECTRICAL :

- 1.1 Current Rating : 1.8A (PIN1/5) 0.5A (PIN 2/3/4)
- 1.2 Contact Resistance : 30 mΩ MAX (INITIAL)
- 1.3 Dielectric Withstand Voltage : 300 V AC For One Minute
- 1.4 Insulation Resistance : 1000 MΩ MIN. Measured BY 500 VDC

2. MATERIAL :

- 2.1 INSERTION FORCE : 3.6KGF (MAX)
- 2.2 WITHDRAWAL FORCE : 0.8 KGF (Reference)

3. DURABILITY : 10,000 CYCLES

4. WATER PROOFNESS : THIS PRODUCT IS BASED ON IPX7 (1m,30min)

5. PLUG INTERFACE DIMENSIONS COMFORM TO USB2.0 SPEC.

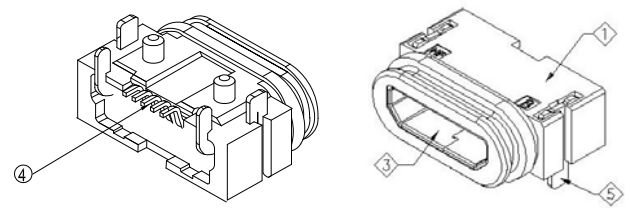
6. OVAL RING

- 6.1 The amount of low molecular siloxanes (D3~D10) is less than 200ppm.
- 6.2 Hardness of silicone rubber 70°

7. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

8. PACKAGING : TAPE & REEL.

ITEM	Part name	Material	Description	Q'TY	Terminal
1	Housing	PA9T (GP2450, BLACK)	UL94V-0	1	----
2	Insert Molding	LCP (E130L, BLACK)	UL94V-0	1	----
3	SHELL	SUS 304	Nickel 40u" min plating all over	1	----
4	CONTACT	C18140H T=0.25	Gold flash plating matte fln 40u" min on solder tail Nickel 40u" min plating all over	5	NO.1 ~ NO.5
5	Terminal	C2680 T=0.3	1st : SI (MIN 40u" or more) 2nd : Sn (MIN 80u" or more)	2	----
6	BOND	----	----	1	----



NOTE: ALL DIMS ARE IN mm.

PROJECTION		RDI Research Develop Innovate RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549		
SCALE UNDEFINED		TITLE Micro USB connector, waterproof, RoHS Compliant		
TOLERANCE EXCEPT AS NOTED	DR. Tina	DATE 09/17/19	REF. P/N: MUSB05IPX7-NL	SHEET 1 OF 1
DEC. MILLIMETERS .XX±0.10 .XX±0.25 .XXX±0.35	CK. BM	PRE-CD	DRAWING NO. 4991	SIZE A
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