

REV.	DESCRIPTION	DATE
A	RELEASED	2019/04/15

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1.1. RATING: 3A(PIN1&5),0.5A(PIN2&3&4);
- 1.2. CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL);
- 1.3. DIELECTRIC WITHSTANDING: 500V AC MIN.;
- 1.4. INSULATION RESISTANCE: 1000MΩ MIN.;
2. DURABILITY: 5,000 CYCLES MIN.;
3. INSERTION FORCE: 3.5Kgf (35N) Max.;
4. EXTRACTION FORCE: 0.8Kgf (8N) Min.;
5. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX6.
6. PLUG INTERFACE DIMENSIONS COMFORM TO USB2.0 SPEC.
7. PACKAGING: TAPE & REEL.

PART NUMBER INFORMATION :

230F205-XN1W0S-X	
SERIES CODE	R:RoHS
SMT 90°	H:HALOGEN FREE
FEMALE	
MICRO USB	
NUMBER OF POSITIONS	
	FOLLOW NUMBER
	WATERPROOF
	BOARD TYPE
	NICKEL PLATED
	PLATING SEE TABLE

3	Shell	1	SUS304R-1/2H Ni PlatingT=0.30mm	
2	Contact	5	Phosphor bronze C5191R-EH Au/Ni Plating T=0.20mm	
1	Housing	1	PA9T&LCP (G.F30%)	
ITEM	PART NAME	Q'TY	FINISH	NOTE

DESCRIPTION OF PLATING ON TERMINALS

NO.	EXPLAIN	NO.	EXPLAIN
0	GOLD FLASH	3	GOLD 15u"
1	GOLD 5u"	4	GOLD 20u"
2	GOLD 10u"	6	GOLD 30u"

TOLERANCE .0=±0.25 .00=±0.15 .000=±0.05 ANG.=±3°	DRAWER ***** CHECK	INMO 东莞市英墨电子有限公司 INMO Electronics Co.,Ltd
APP'D	PRODUCT SPEC.	NAME MICRO USB 5P L5.75 WATERPROOF
UNITS : mm	SCALE NONE SIZE A4 SHEET 1 OF 1 REV. *	DRAW NO. R230F205-XN1W0S-X

注：设计时，请注意公头插入时的距离，防止公头插不到底。

组装示意图

注：防水圈是圆形截面，直径为0.7mm的硅胶圈。
防水圈挤压量，由0.7mm挤压到0.3mm ~ 0.4mm，防水效果好。

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

RECOMMEND PCB LAYOUT
TOLERANCE: ±0.05
TOP VIEW

F
E
D
C
B
A

F
E
D
C
B
A