

RoHS Compliant

Halogen Free

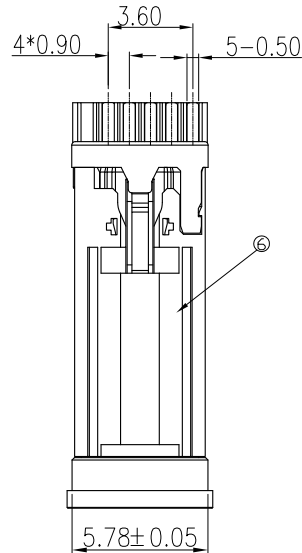
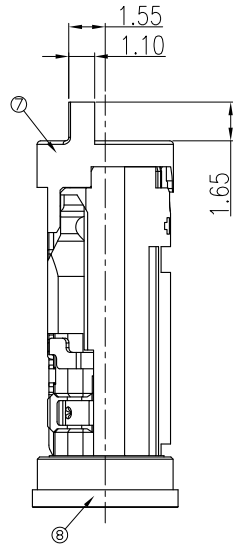
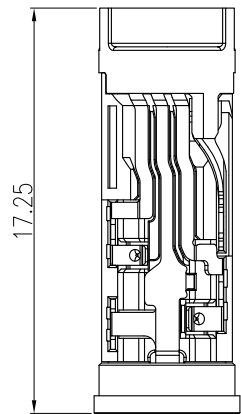
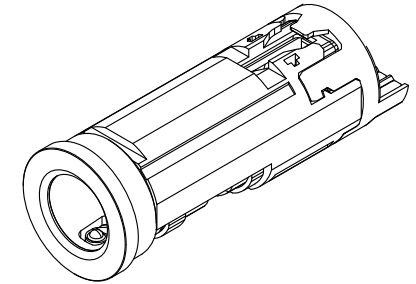


TABLE 2:

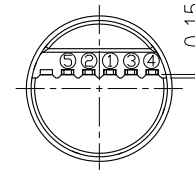
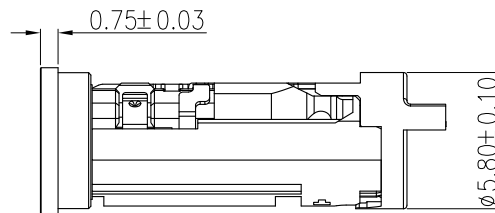
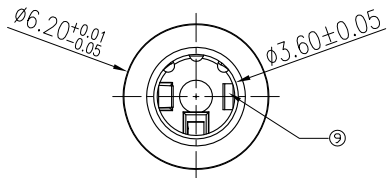
P/N	color
J441J05JA12ZL2	Black
J441J05JA12NL2	White



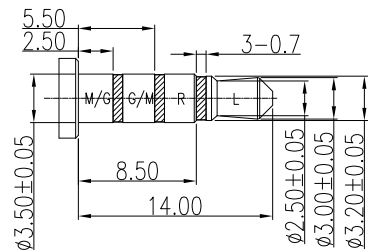
3D VIEW

NOTES:

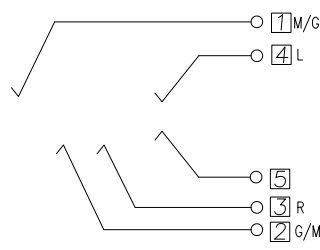
1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";
3. ELECTRICAL:
 - 3.1. VOLTAGE RATING: 12 VAC RMS;
 - 3.2. CURRENT RATING: 0.5 AMP;
 - 3.3. CONTACT RESISTANCE: 50mΩ Max.(Initial), 100mΩ Max.(After Life test);
 - 3.4. INSULATION RESISTANCE: 100 MΩ Min., 500VDC.(Initial), 50 MΩ Min., 500VDC.(After Humidity test);
 - 3.5. WITHSTAND VOLTAGE: 500 VAC RMS 50(60)Hz, 1 minute;
4. MECHANICAL:
 - 4.1. MATING FORCE: 3.0Kgf MAX.;
 - 4.2. UNMATING FORCE: 0.3Kgf MIN.;
 - 4.3. OPERATING LIFE: 5000 CYCLES MIN.;
5. ENVIRONMENTAL:
 - 5.1. OPERATION: -30°C~+80°C.



PLUG SPEC



SCHEMATIC



AFTER INSERT SCHEMATIC

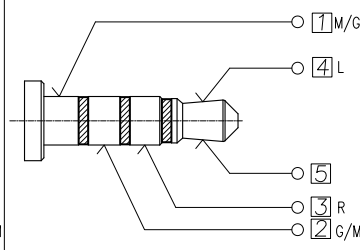


TABLE 1:

⑨	Spring	1	Stainless steel	Nickel PLATED	T=0.20mm
⑧	Ring	1	Stainless steel	Passivation over spray sand	
⑦	Cover	1	HIGH TEMP	SEE "TABLE 2"	UL94V-0
⑥	Housing	1	HIGH TEMP	SEE "TABLE 2"	
⑤	Contact_5	⑤	COPPER ALLOY	Au G/F Min. PLATED	T=0.20mm
④	Contact_4	④	COPPER ALLOY	Au G/F Min. PLATED	T=0.20mm
③	Contact_3	③	COPPER ALLOY	Au G/F Min. PLATED	T=0.20mm
②	Contact_2	②	COPPER ALLOY	Au G/F Min. PLATED	T=0.20mm
①	Contact_1	①	COPPER ALLOY	Au G/F Min. PLATED	T=0.20mm

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
UNLESS OTHERWISE, GENERAL TOLERANCE: X.xxx ±0.10 X.xx ±0.20 X.x ±0.30 X. ±0.38 ANGULAR: X.xx ±1° X.x ±3° X. ±5°					
			XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
TITLE: Ø3.5mm Phone Jack CONN. 客户图			P/N: XB-J44 1J05JA12XL2 MODEL: J441-12 Series DRAW NO.: _____		
THIRD ANGLE PROJECTION		UNIT:	SCALE:	SIZE:	SHEET:
		mm	1:1	A4	1/1