10KV-3100-0058	10KV Plug Crimp For RG58
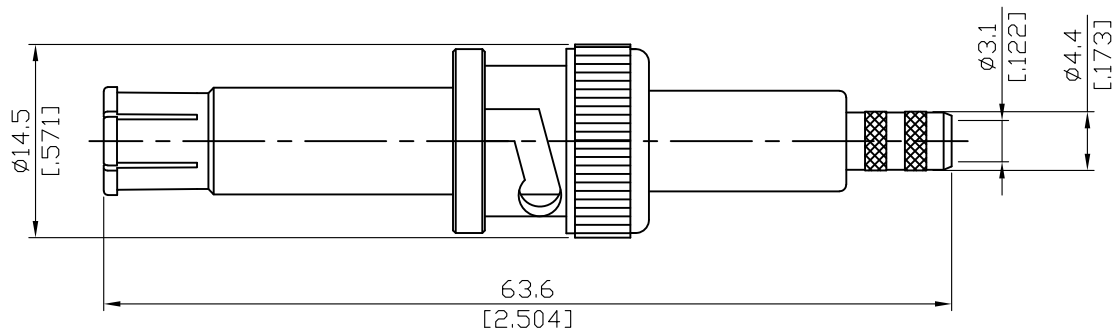
Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Nickel 100 Over Copper 50
Body	Brass	Nickel 100 Over Copper 50
Insulator	High Density PE	
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Ferrule	Copper	Nickel 100 Over Copper 50

Suitable Cables: RG58, JBY195

10KV	10KV-3100-0058

Interface

Mechanically compatible with	Kings 10KV series

Electrical Data

Impedance	non constant
Insulation resistance	1000GΩ
Contact resistance inner conductor	$\leq$3mΩ
Contact resistance outer conductor	$\leq$2mΩ
Test voltage (at sea level)	15KVDC
Working Voltage (at sea level)	10KVDC

Environmental Data

Temperature range	-55°C to +85°C
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling

Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-B
Locator tool	ST-10KVM

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.
CABLE ASSEMBLY INSTRUCTION

10KV-3100-0058		DATE	2020/11/27	REV	A

A	B	C	D	E
BODY	INTERFACE GASKET	CONTACT PIN	GASKET	FERRULE

DIAGRAM	ASSEMBLY INSTRUCTION
31.2 [1.228] / 23.7 [.933] / 8.3 [.327]	Step 1: STRIP AS SHOWN.
E D C Y	Step 2: SLIDE FERRULE " E " OVER CABLE. Step 3: PUT GASKET " D " AND PIN " C " ON CENTER CONDUCTOR AND SOLDER IN " Y ". ※ GASKET MUST BE UNDER COMPRESSION AFTER SOLDERING IS COMPLETED.
A 14 [.551]	Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.
E A B ST-10KVM	STEP 5: SLIDE FERRULE " E " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.5MM/0.217INCH HEX SECTION OF INSERT-B) STEP 6: USE LOCATOR TOOL " ST-10KVM " TO INSTALL INTERFACE GASKET " B " OVER CONTACT PIN.

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

APPROVED	CHECKED	DRAWING
		Albert