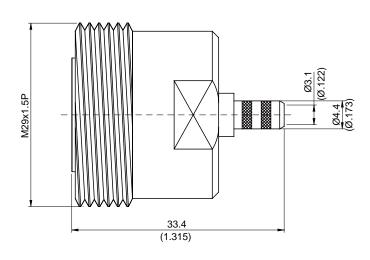


7/16-8100-0223

### 7/16 Jack Crimp For RG223; 3GHz VSWR 1.2

50Ω



Parts	Material	Plating(Micro-inch)			
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50			
Insulator	Teflon				
Solder Pin	Brass	Silver 150 Over Copper 50			
Barrel	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50			
Contact Pin	Phosphor Bronze	Silver 150 Over Copper 50			
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50			

Weight: 92.88 g

Suitable Cables: RG223

This part number complies with RoHS.

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

## **JYEBAO** www.jyebao.com.tw

7/16		7/16-8100-0223			
Interface					
IEC 60169-4					
Electrical Data					
Impedance		50Ω			
Frequency range		DC to 3GHz			
VSWR		$\leq$ 1.2 (DC to 3GHz)			
Insertion loss		≦0.05dB			
Insulation resistance		$\geq$ 10000M $\Omega$			
Contact resistance inner cond	ductor	≤0.4m $Ω$			
Contact resistance outer cond	ductor	≤1.5mΩ			
Dielectric withstanding voltag	e (at sea level)	4000 V rms			
Working Voltage (at sea level	)	2700 V rms			
RF leakage		≧128dB to 1GHz			
Mechanical Data					
Recommended coupling nut t	orque	260 inch lbs			
Coupling proof torque		310 inch lbs			
Contact captivation-axial		≧45 lbs			
Durability (mating)		≧500			
Environmental Data					
Temperature range		-65°C to +165°C			
Thermal shock		MIL-STD-202, Method107, Condition B			
Moisture resistance		MIL-STD-202, Method106			
Corrosion		MIL-STD-202, Method101, Condition B			
RoHS		Compliant			
Tooling					
Crimping tool		CRT-1 or CRT-2			
Crimp insert		INSERT-B			

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

# JYE BAO CO., LTD. CABLE ASSEMBLY INSTRUCTION

7/16-8100-0223	DATE	2018/0	6/01	REV	_				
А	В	С		D					
			]	E					
BODY	CONTACT PIN	FERRU	JLE (	CONTACT PIN					
DIAGRAM	ASSEMBLY INSTRUCTION								
8	7.8 [.3073] 4.3 [.1694]	Step 1: STRIP AS	SHOWN.						
Ç	B Y	Step 2: SLIDE FE Step 3: PUT PIN "	RRULE " C " OV B " ON CENTEF	ER CABLE. R CONDUC	TOR AND SOL	DER IN " Y ".			
		Step 4: LOOSEN	BRAIDING AND	SLIDE CON	NNECTOR " A "	IN PLACE.			
c c	Step 5: SCREW CONTACT PIN " D " ON CONTACT PIN " B ". Step 6: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.9mm/0.232inch HEX SECTION OF INSERT-B)								
This part number complies with RoHS.  Notice: JYEBAO reserves the right to make modifications deemed appropriate.									
APPROVED APPROVED	DRAWING Albert								

## 7/16-8100-0223

S11

