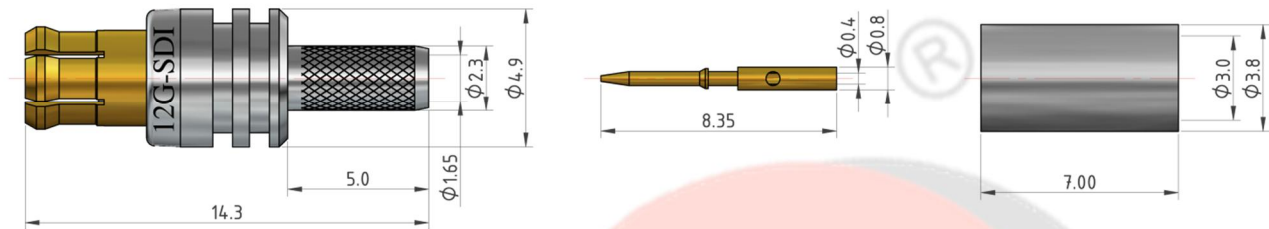


Part Number : 051-1101-C31-P1

Description : 12G SDI MCX Straight Plug, Crimp Type for RG179, 179DT, UHD-179 Cable, 75 Ohm

Drawing :



Materials and Finishes

Outer Contact	BeCu	Gold Plating
Body	Brass	Nickel Plating
Insulator	PTFE	None
Inner Contact	Brass	Gold Plating
Ferrule	Brass	Nickel Plating

Technical Data

Electrical Data:

Impedance	75 Ω
Frequency Range	DC to 12 GHz
Voltage Rating	335 V rms. (Depending on Cable)
Insulator Resistance	$\geq 1 \text{ G}\Omega$
Dielectric Withstanding Voltage	750 V rms.
Contact Resistance	Inner Contact : $\leq 5.0 \text{ m}\Omega$ Outer Contact : $\leq 10.0 \text{ m}\Omega$

Mechanical Data :

Mating	Snap-on Coupling
Connector Durability	≥ 500 Cycles
Engagement Force	≤ 3.4 lbs
Disengagement Force	1.4~3.4 lbs
Cable Retention Force	≥ 12.1 lbs

Environmental Data :

Temperature Range	-55 to 165 °C
Corrosion (Salt Spray)	MIL-STD-202, Method 101, Cond. C
Thermal Shock	MIL-STD-202, Method 107, Cond. B
Mechanical	MIL-STD-202, Method 213, Cond. F
Vibration	MIL-STD-202, Method 204, Cond. B
2011/65/EU (RoHS)	Compliant with Exemption 6(c)
REACH SVHC	Compliant (Based on The Latest SVHC Candidate List)

Misc. Information (Recommended)

Cable Stripping Dimensions (Conductor/Dielectric/Braid)	2.5 / 1.3 / 5.0 mm	
Assembling Method	Inner Contact	Solder
	Ferrule	Crimp (HEX .128")
Recommended Hand Tool	Ferrule	HT-909M
Cable Group	RG179, 179DT, UHD-179	
Weight	1.01g	
Packaging	Single Pack	
Location of Manufacture	Taiwan	

Revisions

ISS	Description	DATE
A	Original	2017/07/04

