Data Sheet

Within Series Adaptor
33_716-50-0-5/133_W

Description

PIM Adaptor plug/jack
7/16 plug (male) / 7/16 jack (female)

Interface standard
Series 7/16 - IEC 61169-4_CECC 22190_DIN 47223_VG 95250



Benefits
Low passive intermodulation (PIM) adaptor

Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	7.5 GHz
PIM, 3rd order intermodulation distortion (IMD) max.	Static -155 dBc at 2x 43 dBm / 20 W carrier

Mechanical Data

Number of matings	500
Weight	0.1401 kg

Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EC (RoHS)	compliant

Material Data

Interface - 7/16 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - 7/16 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00287300

Ordering Information

Single package	33_716-50-0-5/133_WE

Remarks

PIM typ. -160 dBc at 2 x 20 W / 43 dBm

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Document: DOC-0000686913 C / PDO A / date of publication: 19.12.2016 18:47:05 / uncontrolled copy