

DATA SHEET

Receptacle connector



Part Number

6023.N.JSF.00.230

Description

N, Jack, Straight, Flange Mount

Interface Standard

IEC 60169-16

Suitable Cable

N/A



Electrical Data

Impedance	50	Ω
Max. operating frequency	11	GHz
Insulation resistance	≥ 5000	M Ω
Center contact resistance	≤ 1	m Ω
Outer contact resistance	≤ 0.25	m Ω
Dielectric withstanding voltage	≥ 2500	Vrms @ 50Hz
Working voltage	≥ 1000	Vrms @ 50Hz
PIM	≤ -168	dBc (2x40W carriers)

Mechanical Data

Mating cycles	≥ 500	
coupling recommended torque	$\geq 0.7 \sim 1.1$	Nm
coupling proof torque	≥ 1.7	Nm
coupling nut tensile strength	≥ 450	N
Center contact axial force	≥ 28	N
Center contact axial torque	≥ 0.03	Nm
contact gauge ret. Force	≥ 0.56	N

Environmental Data

Operating temperature	-55~155 $^{\circ}$ C	connector limited
2002/95/EC (ROHS)	compliant	
Sealing	N/A	
Thermal shock	MIL-STD-202 Method107, condition B	
Moisture resistance	MIL-STD-202 Method106	
Corrosion resistance	MIL-STD-202 Method101, condition B	
Vibration	MIL-STD-202 Method204, condition D	
Shock	MIL-STD-202 Method213, condition I	

Material Data

Piece Parts	Material	Surface Plating
center contact	Beryllium copper	Ag
body	Brass	CuSnZn
insulator	PTFE	