IMP

CHARACTERISTICS

TEST / CHARACTERISTICS	VALUES / REMARKS

ELECTRICAL CHARACTERISTICS

	IMP LP	IMP HD
Impedance	50Ω	
Frequency	0-18 GHz	0-20 GHz
V.S.W.R.	+ 0.0000 x F (GHz) Maxi	
Insertion Loss	0.2 dB Max	0.2 F(GHz) dB Max
RF Leakage	-	-
Voltage Rating	225 Veff Max	
Dielectric with Standing Voltage	500 Veff Max	
Insulation Resistance	1,000 MΩ min	

MECHANICAL CHARACTERISTICS

	IMP LP	IMP HD
Cable Contact Retention **• Axial force – Mating End** **• Axial force – Opposite End**	 0.5 N mini 0.5 N mini	 10 N mini 10 N mini
Mating Life	50 Cycles mini	
Nominal Weight	0.1600 g	0.3800 g
Minimum Compression	Typ.5N	Overall length: L = 13.9 Maxi Load = 4.5 N min
Maximum Compression	Typ.5N	Overall length: L = 12.9 mini Load = About 10 N Max

ENVIRONMENTAL CHARACTERISTICS

	IMP LP	IMP HD
Operating Temperature	-55/+125 °C	-65/+165 °C
Hermetic Seal	NA Atm.cm3/s	
Panel Leakage	NA	

MATERIALS

	IMP LP	IMP HD
Body	Bronze	Beryllium Copper
Center Contact	Beryllium Copper	
Insulator	Peek	
Other Parts	Beryllium Copper	Steel

PLATING

	IMP LP	IMP HD
Body	NPGR	NPGR
Center Contact	Gold	Gold