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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

Applicable standard				
Rating	Operating temperature range	-40 °C to △1 +105 °C(90 %RH Max.)	Storage temperature range	-40 °C to +90 °C(90 %RH Max.)
	Power	- W	Characteristic impedance	50 Ω(0 to △1 8 GHz)
	Peculiarity	-	Applicable cable	0.50 Dia. coaxial cable.

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General examination	Visually and by measuring instrument.	According to drawing.	X	X
ELECTRICAL CHARACTERISTICS				
Insulation resistance	100 V DC.	500 MΩ Min.	X	X
Withstanding voltage	200 V AC for 1 min. current leakage 2 mA Max.	No breakdown.	X	X
Voltage standing wave ratio 1	Frequency 0 to 3 GHz.	VSWR 1.3 Max.	X	-
	Frequency 3 to 6 GHz.	VSWR 1.4 Max.		
△1	Frequency 6 to 8 GHz.	VSWR 1.5 Max.		
MECHANICAL CHARACTERISTICS				
Cable clamp strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of 10 mm/min. and record the strength at which the cable or connector breaks.	7 N Min.	X	-

	Count	Description of revisions	Designed	Checked	Date
△1	3	DIS-D-00010327	MK. INOUE	NK. NINOMIYA	20220113

Remark

NOTE 1 VSWR was measured with SMA conversion adapters attached to both ends of the applicable cable assembled.

2. Specifications are subject to change without notice.
3. Halogen free.

Unless otherwise specified, refer to IEC 60512.

Approved	NK.NINOMIYA	20160723
Checked	MT.KANEKO	20160723
Designed	MS.MATSUMOTO	20160723
Drawn	MS.MATSUMOTO	20160723

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

		Drawing No.	
HRS	SPECIFICATION SHEET	Part No.	X.FL-2LP9-032**TS-A-L
	HIROSE ELECTRIC CO., LTD.	Code No.	△1 1/1

FORM HD0011-2-1