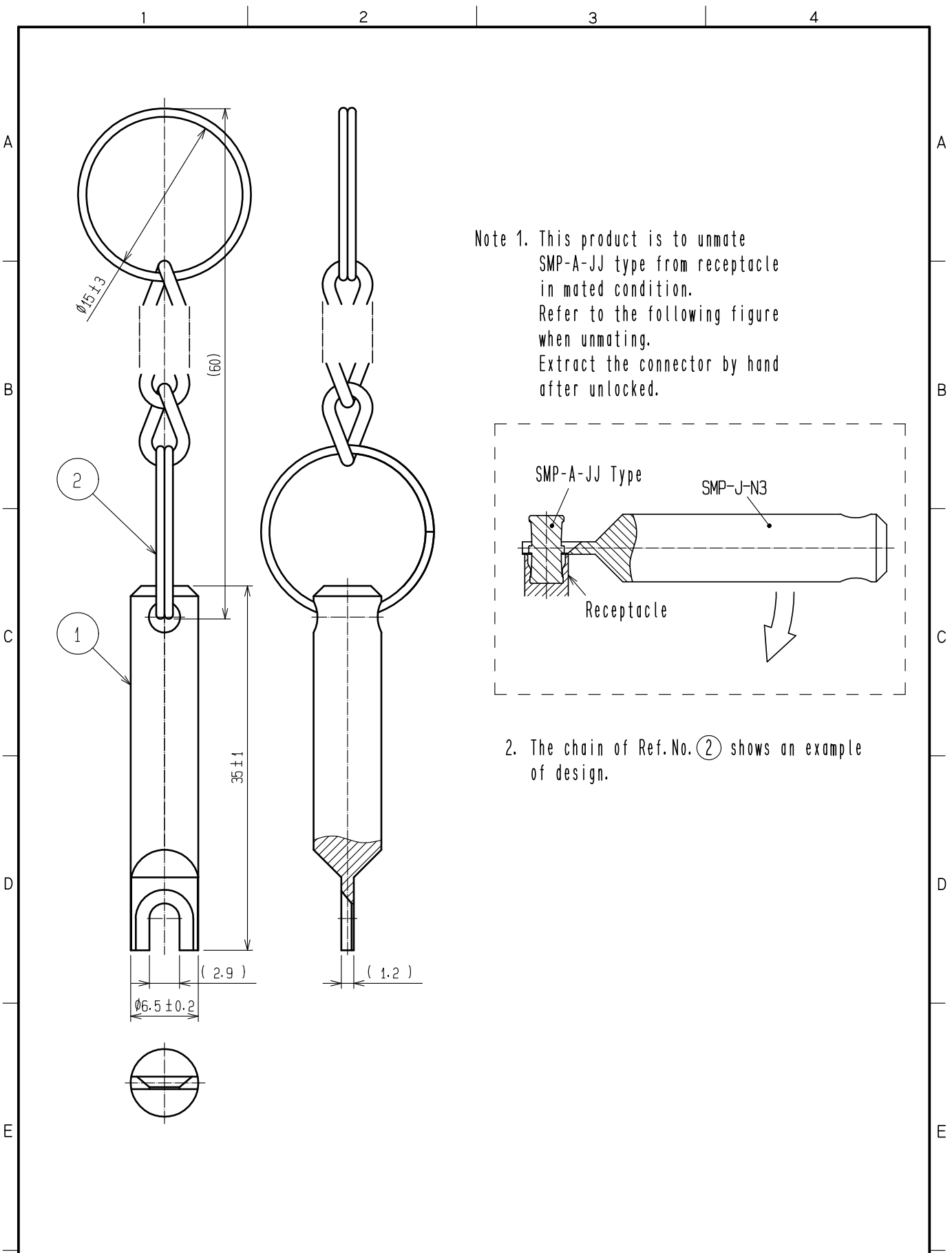
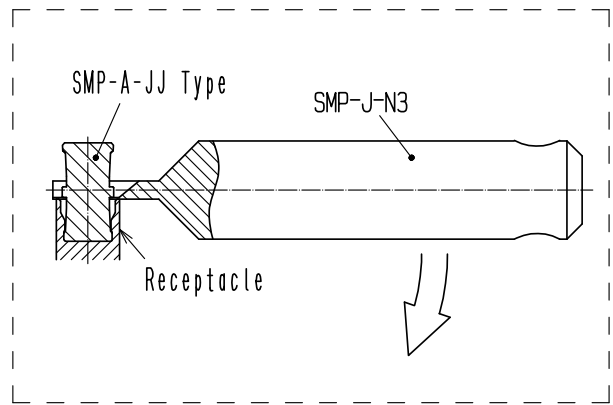


Applicable standard					
Rating	Operating temperature range	-40 °C to +85 °C (95 %RH Max.)	Storage temperature range	-40 °C to +50 °C (95 %RH Max.)	
	Power	-- W	Characteristic impedance	--- Ω(-- to -- GHz)	
	Peculiarity	----	Applicable cable	----	
SPECIFICATIONS					
ITEM	TEST METHOD		REQUIREMENTS	QT	AT
CONSTRUCTION					
General examination	Visually and by measuring instrument.		According to drawing.	X	X
Marking	Confirmed visually.			-	-
ELECTRICAL CHARACTERISTICS					
Contact resistance	mA Max.(DC or Hz)	Center contact	mΩ Max.	-	-
		Outer contact	mΩ Max.	-	-
Insulation resistance	V DC.	MΩ Min.		-	-
Withstanding voltage	V AC for min. current leakage mA Max.	No flashover or breakdown.		-	-
Return loss	Frequency to GHz.	dB Min.		-	-
	Frequency to GHz.	dB Min.		-	-
Insertion loss	Frequency --- to --- GHz.	--- dB Max.		-	-
MECHANICAL CHARACTERISTICS					
Contact insertion and extraction forces	φ by steel gauge.	Insertion force	--- N Max.	-	-
		Extraction force	--- N Min.	-	-
Insertion and extraction forces	Measured by applicable connector.	Insertion force	--- N Max.	-	-
		Extraction force	--- N Min.	-	-
Mechanical operation	times insertion and extractions.	1)Contact resistance: Center contact mΩ Max. Outer contact mΩ Max. 2)No damage, crack and looseness of parts.		-	-
Vibration	Frequency to Hz single amplitude mm, m/s ² at cycles for directions.	1)No electrical discontinuity of μs. 2)No damage, crack and looseness of parts.		-	-
Shock	m/s ² directions of pulse ms at times for directions.			-	-
Cable clamp strength (Against cable pull)	Using a pulling tester, pull the cable axially at a rate of mm/min. and record the strength at which the cable or connector breaks.	N Min.		-	-
ENVIRONMENTAL CHARACTERISTICS					
Damp heat	Exposed at to °C, to % total cycles.(h)	1)Insulation resistance: MΩ Min. (at high humidity) 2) Insulation resistance: MΩ Min. (at dry) 3)No damage, crack and looseness of parts.		-	-
Rapid change of temperature	Temperature → - → - °C Time → → → min. Under cycles.	No damage, crack and looseness of parts.		-	-
Corrosion salt mist	Exposed in % salt water spray for h.	R.L. dB Min.(Frequency to GHz.) R.L. dB Min.(Frequency to GHz.)		-	-
	Count	Description of revisions	Designed	Checked	Date
△					
Remark			Approved	KY.SHIMIZU	17.01.25
RoHS COMPLIANT			Checked	KY.SHIMIZU	17.01.25
			Designed	TY.OZAKI	17.01.25
Unless otherwise specified, refer to IEC 60512.			Drawn	TY.OZAKI	17.01.25
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test	Drawing No.	ELC-373317-00-00		
HRS	SPECIFICATION SHEET		Part No.	SMP-J-N3	
	HIROSE ELECTRIC CO., LTD.		Code No.	CL350-0057-0-00	△ 1/1



Note 1. This product is to unmate SMP-A-JJ type from receptacle in mated condition. Refer to the following figure when unmating. Extract the connector by hand after unlocked.



2. The chain of Ref. No. ② shows an example of design.

1	Steel	Nickel plating	2	Steel	Nickel plating		
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS		
UNITS mm		SCALE 2 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HIROSE ELECTRIC CO., LTD.	APPROVED	: KY. SHIMIZU	17. 01. 25	DRAWING NO.	EDC-373317-00-00		
	CHECKED	: KY. SHIMIZU	17. 01. 25	PART NO.	SMP-J-N3		
	DESIGNED	: TY. OZAKI	17. 01. 25	CODE NO.	CL350-0057-0-00		1/1
	DRAWN	: TY. OZAKI	17. 01. 25				

Mouser Electronics

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