	Count	Description of	of revisi	ons			Chk	nkd Date										
$\triangle$								Δ										
<u> </u>	l olice!	  a_a+a-a-d						Δ										
App	olicab	e standard Operating								Ctorogo								
		temperature range	-/// (' ~ +				+ 105	1112 (			torage −10°C ~			~ +50℃(Packed Conditio			dition)	
Rating		Power	\// Ch						haracteristic 500 (0 to )			to 6	GHz)					
''	ating								•	ipedance				GI IZ)				
		Peculiarity							cable	oplicableable								
	SPECIFICATIONS																	
		ITEM			TES		THOD	10	, , , , ,	1		REQUIR	EMEN	TS		Ιот	AT	
		RUCTION			1 = 0	JI IVIL	.11100					I IL GOII I		10		I G( I		
	ral exami		Vieually	and hy	measuf	ina inetri	ıment			Accor	ding to d	drawing.				О	О	
Marki		nation	Visually and by measufing instrument.  Confirmed visually.							-	1					0	0	
	_			l ·												10	1 0	
	act resista		CTERISTICS						Cente	Center contact : 30 mΩ Max.				1	1			
Conta	aci resisi	ance	Mate applicable connector and apply a current of															
			1 mA AC(Or 1,000Hz).							Outer	Outer contact: 30 mΩ Max.				0	_		
Insulation resistance				Mate applicable connector and apply a voltage of							100 MΩ Min.				0	_		
			_	DC 500 V.														
Volta	ge proof		Mate applicable and apply a voltage of						No flashover or breakdown.				0	_				
			AC 500	AC 500 V for 1 min.														
Volta	ge standi	ng wave ratio	Frequency 0 to 6GHz.						VSWR	1.5 N	lax.							
														0	_			
ME	CHAI	VICAL CHAR	ACT	ERIST	TICS													
Mech	anical op	eration	30 time	30 times insertions and extractions.						① Cor	① Contact resistance							
											Center contact : 50 mΩ Max.							
									Out	Outer contact: 50 mΩ Max.					0	_		
										② No	② No damage, crack and looseness of parts.							
Shoc	k		980 m	980 m/s <sup>2</sup> direction of pulse 6ms at 10 times in 3 directions.						① No	① No electrical discontinuity of $1 \mu s$ .							
			in 3 dir							② Cor	② Contact resistance							
											Center contact : 50 mΩ Max.							
										Out	Outer contact : 50 mΩ Max.					0	_	
										3 No	③ No damage, crack and looseness of parts.							
											·							
ΕN	VIROI	NMENTAL C	HΔRΔ	CTF	RIST	ICS												
		of temperature					→ ±105±	-2 → 1	5~35 °C		ntact rec	istance					I	
(NOT	_			Temperature: $-40\pm2 \rightarrow 15\sim35 \rightarrow +105\pm2 \rightarrow 15\sim35 °$ C							① Contact resistance				0			
(	,			Time: $30 \rightarrow 5 \rightarrow 30 \rightarrow 5 \text{ min}$ Under 200 cycles.							Center contact: 50 mΩ Max.  Outer contact: 50 mΩ Max.				"			
Dami	o heat, cy	/cle	4													$\vdash \vdash$		
		, cic	Expose	Exposed at 25±2 °C, 65 % 25 h.							② No damage, crack or looseness of parts.							
(NOTE 1)			습) 90 다 호 00					③ Insi	③ Insulation resistance: 10 MΩ Min.									
			상 900 대 60 도 ( 70 % 60															
			10	2 4	6 8 10	12 14 16	18 20 22 2	21(1)										
		70	70											0	_			
			은 50 도	8											ľ			
			€ 40 30															
			10															
				0 2 4 0 0 10 12 14 16 10 20 2 24														
			Under	10 cycle	S.													
Remarks conditions for testing						Draw	'n	Desig	Designed C		ed	Approved	ved Relea		sed			
						_	G.S CHOI		000	יסוו	n a 1			EN	G			
									G.	G.S CHOI		D.G K	IIVI   1	H.S KIN	/I			
			20.05.4					20	20.04	20 05 20 20 05				20.05	.29			
					20.05.29					20.05.29 20.05.29 20.05.29				DEF				
Note QT: Qualification test AT: Assurance test O: Ap							Applica	ble te	est									
										,	Part	No.						
	HIKO	SE KOREA C	U.,LT	<b>υ</b> .	SH	'ECI	FICA	ΙW	N SI	HEET			K19-F	PR-PC	)(89	95)		
Code	e No.(Ol	LD)	Drawing No. Code No					No. 1 /										
CL	, , ,	-	ELC4-633120 CL 6341-0019-9-895						)	/2								

Dry heat	Exposed at 105±2 °C, 300 h.	① Contact resistance		
(NOTE 1)		Center contact : 50 mΩ Max.		
		Outer contact : 50 mΩ Max.	10	_
		② No damage, crack or looseness of parts.		
		③ Insulation resistance: 10 MΩ Min.		
		and the second s		
Damp and humidity heat	Exposed at 85±2 °C, 85%, 500 h.	① Contact resistance		
(NOTE 1)		Center contact : 50 mΩ Max.		
		Outer contact : 50 mΩ Max.		
		② No damage, crack or looseness of parts.		
		No evidence of corrosion which affects	0	_
		to operation of connector.		
		<ul><li>(4) Insulation resistance : 10 MΩ Min.</li></ul>		
		William resistance . To was will.		
Corrosion salt spray	Exposed at 35±2 °C, 5±1 % salt water spray for 48 h.	① Contact resistance		
(NOTE 1)		Center contact: 50 mΩ Max.		
		Outer contact : 50 mΩ Max.	10	_
		② No damage, crack or looseness of parts.		
		No evidence of corrosion which affects		
Sulfur dioxide test	Exposed in 10 PPM, 40±2 °C, 90~95 % FOR 24 h.	to operation of connector.		
(NOTE 1)			0	_
Dust resistance	1) Kind of dust: JIS R5210 cement of portland, 1.5 Kg.	① Contact resistance		
(NOTE 1)	2) 10 seconds every 15 minutes, 1h progressing.	Center contact : 50 mΩ Max.		
		Outer contact: 50 mΩ Max.		
		② No damage, crack or looseness of parts.	0	-
		$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $		
Danistana a ta				
Resistance to	Reflow soldering:	① No deformation of case of excessive		
soldering heat	Peak temp: 260 °C Max for 30 s Min.	looseness of the terminals.	0	_
	Reflow temp: 180 °C for 60~120 s.	② No damage of electrical performance		
	3 cycle.	coating of solder.		
	TION CHARACTERISTICS	Ton the result of	1	1
Combine vibration test	Exposed at 85±2°C, 90~95 %,	① No electrical discontinuity of 1 μs.		
(NOTE 1)	120 cycles (45 min : 0n, 15 min : Off)	② Contact resistance		
	Vibration acceleration 4.4 g (43.12 m/s <sup>2</sup> ).	Center contact: 50 mΩ Max.	0	l _
	Frequency 20 ~ 200 Hz at 40 h, in 3 directions.	Outer contact : 50 mΩ Max.		
		③ No damage, crack and looseness of parts.		

(NOTE 1) 10 times insertions and extractions the pre-test / exposed 24h.

Exposed 2h after the test.

Note QT: Qualification test AT: Assurance test O: Applicable test											
HIROSE KOREA CO.,LT	SPECIFICATION	N SHEET	Part No. POK19-PR-PC(895)								
Code No.(OLD) CL	Drawin	ng No. ELC4-633120	Code No.	CL 6341-0019-9-895	2/2						