	COUNT	DESCRIPTION OF	SIONS	SIONS BY CHKD DA			ATE COUN		T DESC	DESCRIPTION OF RE		BY	CHK	(D D	ATE			
Λ	1 RE-6-1		779		C.J.S L.S.M 202		2020.0	04.07										
\triangle								4	\triangle									
APPLICABLE STANDARD																		
RATING		Operating								Storage) (Note	3)		
		Temperature Range Operating Humidity		l e								emperature Range 10 C to 100 C			Note3)			
		Range									Range	ange						
		Applicable Connector									Voltage	oltage 250V A			AC/	J/DC		
		Applicable Contact									Current	AWG 30 : 0.5A A' AWG 22-26 : 2A			WG 28	VG 28 : 1A		
			DF51K-30SC(A)/SCF(A) (###)										AWG Z	Z-Z0 : Z	ZA.			
						S	SPE	CIF	IC/	ATIC	DNS							
		ITEM	TEST METHOD									REQUIREMENTS					ТАТ	
CO	NSTR	UCTION																
General Examination			Visually and by measuring instrument.											О	О			
Marking			Confirmed visually. According to drawing.											0	0			
		CAL CHARAC	•															
Contact Resistance			20mV MAX, 1mA (DC or 1000Hz).								30 mΩ	MAY					I	
Millivolt Level Method			ZONIV WICK, HIIC (DO OF TOOUTIZ).								00 11136	171/7/1.				0	-	
Insulation Resistance			500 V DC.									MΩ MIN.					+	
andalation registance			DO.									TING IVILIV.				0	-	
Voltage Proof			650 V AC for 1 min.									No flashover or breakdown.					+-	
		ICAL CHARAC										TO HASHOVEL OF DICARGOWIT.					ı	
											100		00 0 14				1	
Mechanical Operation (Sn Plating) Mechanical Operation			30 times insertion and extraction.									①Contact resistance: 30mΩ MAX					-	
			50 times insertion and extraction.									②No damage, crack or looseness of parts. ①Contact resistance: 30mΩ MAX						
IVICCI	ariicar	(Au Plating)	oo umes inseruori and extraction.								_	②No damage, crack or looseness of parts.					-	
Matir	ng and i		It takes out and inserts with a conformity connector.									①Insertion Force: 38.0N MAX					+	
iviacii	ig unu c	(Sn Plating)	at taxes out and most to with a comorning connector.								_	②Extraction Force: 1.5N MIN					-	
Matir	ng and i		It takes out and inserts with a conformity connector.							onnect		-					1	
		(Au Plating)	The same and most a sometime, sometime,								_	②Extraction Force: 1.5N MIN					-	
Vibra	ation	, <u>G</u> ,	Frequency 10 to 55 Hz, single amplitude 0.75 mm,								m. (1)No e	①No electrical discontinuity of 1 μ s.						
			at 10 cycles for 3 direction.									②No damage, crack or looseness of parts.					-	
Shoc	:k		Acceleration 490 m/s ² duration of pulse 11 ms at 3								at 3	3						
			times for 3 directions.														-	
Cont	act ext	action force	Pull out the cable after housing fixation.								11.8N	11.8N MIN					-	
EN\	VIRON	IMENTAL CHA	RAC	TERI	STIC	S					-					-	-	
Damp	p Heat		Exposed at 40 \pm 2 $^{\circ}$ C , humidity 90 to 95 %, 96 h.								h. ①Con	①Contact resistance: 30 mΩ MAX.						
(Steady State)			(After leaving the room temperature for 1 to 2h.)									②Insulation resistance: 500MΩ MIN.						
Rapid Change of			Temperature -55 °C → +105 °C									(3)No damage, crack or looseness of parts.					-	
Temperature			Temperature -55 C → +105 C inme somin → somin ∪nger 5 Civolas (The transferring time of the tank is 2 to 3 MIN) (After leaving the room temperature for 1 to 2h.)								0	①Contact resistance: 30 m Ω MAX. ②Insulation resistance: 1,000M Ω MIN. ③No damage, crack or looseness of parts.						
											_						-	
Dry Heat			Exposed at 105±2 °C, 96h									- 					+-	
Cold			Exposed at -55±3 °C, 96h									4						
Rema			Схрозі	ou at	00 - 0	<i>J</i>	011									0		
		de the temperature	rising	by cur	rent.													
		ondensing				_												
Note		y to the condition o	_		_		-				pcb on boa	ard, after pcb b	oard , oper	rating te	mper	ature a	nd	
	num	idity range is applie	a for ir	iterim s	storage	auring	, trans	sporta	ation	١.								
							Т	DF	RAWI	N	DESIGN	DESIGNED CHECKED APPROVED RE					SED	
]														
								J.S CHOI		J.S CH	IOI S.M.I	S.M.LIM T.S KANG		ENG 20. 04. 12				
								17.12.22		17.12.	22 17.12	17.12.22			DEF	DEPT		
		ise specified, refer to		L L														
NOT	E QT	QUALIFICATION T	TEST	AT: AS	SSURA	NCE T	EST	O: AF	PLI	CABL	E TEST							
HIROSE KOREA CO.,LTD. SPECIFICA								ATI	101	N SHEET PART NO.					(ያበና))		
CODE	E NO.(OL	<u>ה)</u>	DRAWING NO. CODE NO.						NO	DF51K-6S-2C (800)								
	_ 14U.(UL	,							IVO.	CL	6652-00	24-7-8	300		'/			
CL			ELC4-632504														V 1	