	COUNT	DESCRIPTION (OF REVI	SIONS	BY	CHKD	DATE		cou	NT	DESC	RIPTION OF RE	VISIONS	BY	CHK	D D	ATE	
Δ								Δ										
Δ								Δ										
APF	PLICA	BLE STANDAF	₹D															
		Operating									orage		-10°C to +60°C (Note3)				3)	
RATING		Temperature Range									emperature Range torage Humidity ange		-10 C to +00 C (Notes)					
		Operating Humidity		ZU% TO 8U% (NOTEZ)						40% to 70% (Note3)								
		Range																
		Applicable Con	nector	ector DF51K#-12DP-2DSA/DS (###					##)	Voltage			250V AC/DC					
				DF	DF51K-22SC(A)/SCF(A) (###)							AWG 30: 0.5A AWG			VG 28:	G 28: 1A		
		Applicable Con	tact	nct DF51K-2428SC(A))/SCF(A) (###) Cu			urrent		AWG 26: 1.5A					
			DF51K-30SC(A)/SCF(/						AWG 22	2-24: 2/	A			
							PFCI	FIC	ATI	NC	S							
		ITEM		SPECIFICATION TEST METHOD							REQUIREMENTS					Тот	АТ	
00		UCTION			I E	31 IVIL	ППОВ					KEGOIK	CIVICIAI	<u> </u>		ושן	IAI	
			lve i							1							Т -	
General Examination			_	Visually and by measuring instrument. Confirmed visually. According to drawing.										0	0			
Mark																0	0	
		CAL CHARA	CTERI	STIC	<u>S</u>													
Contact Resistance			20mV	20mV MAX, 1mA (DC or 1000Hz).								MAX.				0		
Millivolt Level Method																		
Insulation Resistance			500 V	DC.							1,000 M	IΩ MIN.				0		
																1 "	-	
Volta	ge Proc	of	650 V	650 V AC for 1 min.								nover or breakdo	wn.			0	_	
MF	CHAN	ICAL CHARA	CTFF	ISTIC	S													
		Operation	_	es inse		nd extra	action				1)Cont	act resistance: 3	OmO MA	Y			1	
WIECI	iai ii Cai	Sn Plating		163 111361	tion a	iu exti a	action.				_				ł c	0	_	
Mechanical Operation				50 times insertion and extraction.								②No damage, crack or looseness of parts. ①Contact resistance: 30mΩ MAX						
WIECI	iai ii Cai	Au Plating		ou times insertion and extraction.								②No damage, crack or looseness of parts.					-	
Matin		inmating Force		0.011	ad inco	rto with	a confor	mity	200000	tor	_	tion Force: 56.2N		s or part	LS.			
waur	ig ariu u			s out a	iu ilise	rts with	a Cornor	illity (Jonned	tor.	_	ction Force: 30.21				0	-	
(Sn Plating) Mating and unmating Force				It takes out and inserts with a conformity connector.								tion Force: 36.2N				-		
											2)Extraction Force: 3.0N MIN					0	_	
\ /'I		(Au Plating		10			1 19		7.		_							
Vibra	ition						gle amplit	ude u	1.75 mn	n,	_	ectrical disconti	-	-		0	_	
C.			_	cycles f							②No da	amage, crack or	looseness	s of part	ts.			
Shoc	:K						tion of p	ulse 1	1 ms a	at 3						0	-	
			_	for 3 di												+-		
		action force					sing fixat	ion.			11.8N M	1IN				0		
		IMENTAL CH							۸, ۵۵		0 -						1	
Damp Heat				Exposed at 40 \pm 2 $^{\circ}$ C , humidity 90 to 95 %, 96 h.								①Contact resistance: 30 mΩ MAX.					l –	
		(Steady State	(After	(After leaving the room temperature for 1 to 2h.)								②Insulation resistance: 500MΩ MIN.						
				Temperature -55 °C → +105 °C								③No damage, crack or looseness of parts.						
	d Chang		-	erature							_	act resistance: 3						
Temperature				Time 30min → 30min Under 5 Cycles.								②Insulation resistance: 1,000M Ω MIN.					l _	
				(The transferring time of the tank is 2 to 3 MIN)								③No damage, crack or looseness of parts.						
							perature	for 1	to 2h.)								
Dry H				ed at												0	_	
Cold			Expos	ed at	-55±3	3 °C, 96	3h									0	_	
Rema	arks																	
		de the temperatur	re rising	by curr	ent.													
		ondensing y to the condition	of long	term eta	orage f	or linus	ed produ	cte h	efore n	ch c	on hoard	after noh hoard	l onerati	ng temr	neratu	re and		
11000		idity range is appli	_		-		-		-	000	on board	, arter pob boare	г, орогас	ing comp	Joraca	ro una		
		, , , , , ,			J	J	·											
								DRAV	VN		DESIGN	ED CHECKI	ED A	PPROVE	D	RELEA	SED	
								J.S CHOI		Ι,	J.S CH	OI S.M.LI	S.M.LIM T.S KANG		ENG			
															20. 02. 13			
								17.12.22			17.12.2	22 17.12.2	17.12.22			√ DEF	DEPT	
Unles	s otherw										<u> </u>							
NOT	E QT	: QUALIFICATION	TEST	AT: AS	SSURA	NCE TI	EST O:	APPL	ICABL	E T	EST							
	LUDA	NOT KODE 4 O	0 1 70		-	חבי		TIA	N O	100	ГТ	PART NO.						
HIROSE KOREA CO.,LTD. SPECIFICATION SHEET DF51K-12D										DS-20	C (80)0)						
CODE	NO.(OL	_D)		DRAWING NO.					CODF	DE NO.					•	1 /		
	• •										CL 6652-0029-0-800							
CL				ELC4-632499													V 1	