	COUNT	DESCRIPTION O	F REVIS	SIONS	BY	CHKD	DATE		COU	NT	DESCRIP	TION OF RE	VISIONS	BY	CHKD	DA	TE
Δ								Δ									
Δ								Δ									
APF	PLICA	BLE STANDAR	<u> </u>														
RATING		Operating Temperature Range		e Te					Ten	torage -10°C to +60°C emperature Range			+60°C ((Note3)			
		Operating Humidity Range									torage Humidity 40% to 70% (No			ote3)			
		Applicable Coni	nector	ctor DF51K-28DS-2C(###)						Cur			AWG 30 : 0.5A AW AWG 26 : 1.5A		'G 28 : 1A		
		Voltage	250V AC/DC						Our	AWG 22-24 : 2A							
		TT-14			TE (PECI	FIC	ATIO	ONS	<u>S</u>	DEOLUD	FNAFNIT				
001		ITEM UCTION			I E	SI ME	THOD					REQUIR	EMENI	<u>S</u>		QT	AT
		mination	Vicually	v and h	v meac	uring in	ctrument									О	0
Marki		Illiacion	Visually and by measuring instrument. Confirmed visually.							According to drawing.					 0	0	
		CAL CHARAC								L	<u> </u>						
	act Res					C or 100)0Hz)			3	30 mΩ MA	X					
		el Method	20mV MAX, 1mA (DC or 1000Hz).							ľ	JO HISE WAY.					0	_
Insula	ation Re	esistance	500 V DC.							1	1,000 MΩ MIN.				0	_	
Volta	ige Proc	of	650 V AC for 1 min.							N	No flashover or breakdown.						
														0	_		
-		ICAL CHARA	1													•	
Mech	nanical (Operation	30 times insertion and extraction.							①Contact resistance: 30mΩ MAX							
(Sn Plating)										(c	②No damage, crack or looseness of parts.				0	_	
Mech	nanical (Operation	50 times insertion and extraction.						C	①Contact resistance: 30mΩ MAX ②No damage, crack or looseness of parts.							
		(Au Plating)													0	-	
Matin	og and i	ınmating	It takes out and inserts with a conformity connector.						tor (①Insertion Force: 120.2N MAX							
force	_	(Sn Plating)								②Extraction Force: 7.2N MIN				0	-		
Matin	ng and u	ınmating	It takes	s out ar	nd inser	ts with	s with a conformity connector.			tor. (: ①Insertion Force: 76.2N MAX						
force		(Au Plating)									②Extraction Force: 7.0N MIN				0	-	
Vibration Frequenc				quency 10 to 55 Hz, single amplitude 0.75 mm,						n, (①No electrical discontinuity of 1 μ s.				0	_	
Shock			at 10 cycles for 3 direction.							②No damage, crack or looseness of parts.					Ľ		
			Acceleration 490 m/s 2 duration of pulse 11 ms at 3 times for 3 directions.												t 3	0	-
ΕΝΙ	/IRON	IMENTAL CHA	ARAC	TERI	STICS	<u> </u>											
_	Heat	INILIVIAL OID					sidity 90 t	to 95	% 96 1	n (1)Contact	resistance:	30 mO M/	۸Y			
•			Exposed at 40 ± 2 °C , humidity 90 to 95 %, 96 h. (After leaving the room temperature for 1 to 2h.)							(2)Insulation resistance: $500M\Omega$ MIN.					0	_	
		, , ,	and the second compensation of the ZIII.								③No damage, crack or looseness of parts.						
Rema Note		de the temperature	e rising b	ov curr	ent.					•							
Note	2: No c	ondensing															
Note		y to the condition o	_		_		-		fore p	cb on	n board, af	ter pcb board	, operatir	ng temp	erature	and	
	rium	idity range is applie	d for inc	Leriiii S	torage	during t	ransport	ation.									
								DRAW	/N	D	DESIGNED	CHECKE	D AI	PPROVE	D F	RELEAS	SED
					J.S CHOI			J.	J.S CHOI S.M.LII		I - I -		ENG	\rightarrow			
				17.12.22			1	17.12.22 17.12.22 17.12.22			20. 02. 13 DEPT						
Unless otherwise specified, refer to IEC 60512.													<u></u>				
NOTI	E QT	QUALIFICATION	TEST	AT: AS	SSURA	NCE TE	ST O:	\PPL	CABL	E TE							
	HIRC	SE KOREA CO	LTD.			SPEC	DIFICAT	ΓΙΟΝ	SHE	ET		PART NO.	1V- 00D	ם מחנים	2 A / 0.0 r	.,	
CODE	NO.(OI	_D)	li	DRAWI	NG NO.					NO.	DF51K-28DP-2DSA(800)					1 /	
CL			[ELC4-632469					CL 6652-0018-4-800					/ /2			

	dents.
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	otive equipment / device which demand high reliability, kindly contact our sales window correspondents.
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Rapid Change of	Temperature −55 °C → +105 °C	①Contact resistance: 30 mΩ MAX.		
Temperature	Time 30min → 30min	②Insulation resistance: $1,000M\Omega$ MIN.	0	_
	Under 5 Cycles.	③No damage, crack or looseness of parts.		
	(The transferring time of the tank is 2 to 3 MIN)			
	(After leaving the room temperature for 1 to 2h.)			
Dry Heat	Exposed at 105±2 °C, 96h	①Contact resistance: 30 mΩ MAX.		
		②Insulation resistance: 1,000MΩ MIN. ③No damage, crack or looseness of parts. Oosed at -55±3 °C, 96h ①Contact resistance: 30 mΩ MAX. ②Insulation resistance: 1,000MΩ MIN. ③No damage, crack or looseness of parts. Automatic soldering (flow) No deformation of case of excessive looseness of the terminals.	_	
		③No damage, crack or looseness of parts.		
Cold	Exposed at -55±3 °C, 96h	①Contact resistance: 30 mΩ MAX.		
		②Insulation resistance: $1,000M\Omega$ MIN.	0	_
		③No damage, crack or looseness of parts.		
Resistance To Soldering	①Automatic soldering (flow)	No deformation of case of excessive looseness		
Heat	Soldered at solder temperature,	of the terminals.		
	260 °C for in immersion , duration, 5 s.			
	②Manual soldering		0	-
	Soldering iron temperature :270 °C,			
	Soldering time :3s.			
	No strength on contact.			
Solderability	Soldering temperature: 245 °C	New uniform coating of solder shall cover		
	Duration of immersion :soldering, for 5 sec.	minimum of 95 $\%$ of the surface Being	0	-
		immersed.		

NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST									
LUDOCE KODEA OO LED	CDE OFFICATIO	N CHEET	PART NO.						
HIROSE KOREA CO.,LTD	SPECIFICATIO	ON SHEET	DF51K-28DP-2DSA(800)						
CODE NO.(OLD)	DRAWING NO.	CODE NO.	CL 6652-0018-4-800	2 /					
CL	ELC4-632469		OL 0002-0018-4-800	/ 2					