APPLICA	BLE STAN	IDARD										
OPERATING TEMPERATURE RANG		RE RANGE	-35 °C TO +105°C (NOTE1)		STORAGE TEMPERATURE RANGE			-10 °C TO +60°C (NOTE3)				
RATING	HUMIDITY RANG		20% TO 80% (NOTE)		STORAG HUMIDIT				40% TO 70%	(NOTE3)		
	APPLICABLE CONNECTOR	$\sqrt{2}$			CURRE	NT	Т		3A			
	CONNECTOR 72		DF59-4P-2FC(**)			5	SPECIFIC	CATIO	N AC/DC 23	nV		
			DF59-4P-2C DF59-4P-2SP(**)		VOLTAC	SE L	JL/C-UL		$\wedge$			
			DF39-4F-23F( )				ΓÜV			9 V		
		SPECIFICATIO			1.2.			TBD	TBD			
	TENA.		TEST METHOD	IFIC	ATIO	143		DEOU	IDEMENTO	ОТ	T	
ITEM CONSTRUCTION			TEST WETHOD			REQUIREMENTS				QT	AT	
		VISUALL	LY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.					X	
MARKING C		CONFIR	CONFIRMED VISUALLY.									
FL FCTR	IC CHARA	CTERIS	STICS			I				X	X	
CONTACT F		DC6V MA				50mΩ	MAX.(DF5	9-4P-2	FC(**)/2SP(**))	Х	Τ_	
						30mΩ MAX.(DF59-4P-2C)						
INSULATION RESISTANCE		500V DC.	500V DC.				1000ΜΩ ΜΙΝ.					
VOLTAGE PROOF		650V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				X	_	
<b>MECHAN</b>	VICAL CHA	ARACTE	ERISTICS									
			30TIMES INSERTION AND EXTRACTION.(DF59-4P-2FC/2C)				①50mΩ MAX.(DF59-4P-2FC(**)/2SP(**))					
OPERATION		10TIMES INSERTION AND EXTRACTION.(DF59-4P-2SP)				30mΩ MAX.(DF59-4P-2C)						
VIBRATION F		FREQUEN	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE				②NO DAMAGE, CRACK OR LOOSENESS OF PARTS. ①NO ELECTRICAL DISCONTINUITY OF 1 $\mu$ s. X					
			0.75mm, AT 10CYCLES FOR 3DIRECTION.						OR LOOSENESS OF PARTS			
			490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3							X	-	
ENIVIDON	IMENITAL C	DIRECTIO	NS. TERISTICS									
DAMP HEAT	IIVIEN I AL C		OAT 40 ± 2°C, 90 TO 95 %, 9	6 h		(1)50m	O MAY (D	E50 /E	) 2EC(**\/2SD(**\\	X	1_	
(STEADY STATE)			(AFTER LEAVING THE ROOM TEMPERATURE FOR 1—2h.)				$\bigcirc$ 50m $\Omega$ MAX.(DF59-4P-2FC(**)/2SP(**)) 30m $\Omega$ MAX.(DF59-4P-2C)					
RAPID CHANGE OF		TEMPERATURE -55°C→ +85°C				2INS	②INSULATION RESISTANCE: $1000$ M $\Omega$ MIN.					
TEMPERATURE		TIME					③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					
		UNDER 5	CYCLES. ANSFERRING TIME OF THE T <i>A</i>	7VIK IC 3	-3 min)							
			(AFTER LEAVING THE ROOM TEMPERATURE FOR 1-2h.)									
RESISTANCE TO		1) REF	1) REFLOW SOLDERING				NO DEFORMATION OF CASE OF					
SOLDERING HEAT			NUMBER OF REFLOW CYCLES : 2CYCLES MAX.				EXCESSIVE LOOSENESS OF THE TERMINALS.					
		≪REFLOW AREA≫ DURATION ABOVE 220°C, 60sec. MAX. PEAK TEMPERATURE: 250°C, 10sec. MAX. ≪PRE-HEAT AREA≫				TERWINALS.						
			PRE-HEAT TEMPERATURE:150°C TO 180°C PRE-HEAT TIME:90sec. TO 120sec. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE:350±10°C,									
		,										
			RING TIME : 3sec.									
SOLDERABILITY		_	IO STRENGTH ON CONTACT.  LDERING TEMPERATURE : 245°C				NEW UNIFORM COATING OF SOLDER SHALL X —					
			DURATION OF IMMERSION :SOLDERING, FOR 5sec.			COVER MINIMUM OF 95% OF THE SURFACE						
NOTE 1: INCI	UDE THE TEME	PERATURE	RISING BY CURRENT.			BEING	IMMERSE	:D.				
NOTE2:NO C	ONDENSING											
			OF LONG TERM STORAGE F ND HUMIDITY RANGE IS APPL							CB BC	DARD	
			ON OF REVISIONS DESIG							D/	ATE	
2 3	11 DI			TS. KUM				TS. FUKUSHIMA	+	05. 23		
REMARKS		D13	D13-H-00001041   13. KUN			APPROVED		VED	KI. AKIYAMA		01. 12	
							CHEC		SZ. ONO		01. 12	
Unless otherwise specified, refer			to IEC60512. 2			DESIGNED DRAWN			KT. ISHII	11.01.		
									KT. ISHII	11. 01. 12		
Note QT:C	Qualification Te	st AT:As	surance Test X:Applicable Test			RAWING NO.			ELC4-330590-01			
						ART NO.			DF59-4S-2V (51)			
HIR			OSE ELECTRIC CO., LTD.			NO.	NO CI 667		7-0003-6-51	A	1/1	
		101 1110 100, 110.			JUDE				l			