APPLICA			DARD										
Operating Temperature R			ange	-55°C to 125°C(Notes 1) _{Ter}		Stora Tem Matir	peratu	re Range		-10°C TO 60°C			
RATING	V	oltage		30V AC/DC			ng nector		DF40TC-20DP-0		4V (**)		
	С	urrent		0. 3A									
				SPECI	FICA	ATIO	NS						
דו	ΓΕΝ	Л		TEST METHOD				RE	QUIF	REMENTS	QT	АТ	
CONSTR	RU	CTION									•		
General Examination			Visually and by measuring instrument.				1	According to	drav	<i>i</i> na	Х	X	
Marking.			Confirmed visually.				U	7 toooraing to	diav	g.	X	X	
ELECTR											-		
Contact Resistance			20mV AC or less 1khz, 1mA.					90mΩ MAX.	X -				
Insulation Resistance			100V DC.								Х	_	
Voltage Proof			100V AC for 1 min.				No flashover or breakdown.					_	
MECHAN	VIC	CAL CHA	RACTE	ERISTICS									
Mechanical Operation			10times insertions and extractions.					Contact resistance: 90mΩ MAX. No damage, crack or looseness of parts. X –					
Vibration			Frequency 10 to 500, acceleration 49 m/s ^{2.} Sweep time 1 oct/min. 8h for 3 axial directions.				1	No electrical	disco	tinuity of 1 us.	Х	-	
Shock			Acceleration 980 m/s², duration of pulse 6 ms at 3 times for 3 directions.				② No damage, crack or looseness of parts.						
ENVIRO	NΝ	/IENTAL	CHARA	ACTERISTICS									
Rapid Change of Temperature			Temperature -55 \rightarrow 125 °C Time 30 \rightarrow 30 min Under 1000 cycles.									_	
Dry Heat		Exposed at 125 °C, 1,000 h.								. X	-		
Damp Heat			Exposed at 60 ± 2 °C							22 0 1447	X		
Damp Heat, Cyclic			Relative humidity 90 to 95 %, 1000 h. Exposed at -10 to 65°C, Relative humidity 90 to 96%, 10cycles, total 240h.				2	Insulation resistance: 25 MΩ MIN.					
							3				. X	_	
Sulphur Dioxide			Exposed in 25 PPM for 96h, 40°C, Relative humidity 80%.			① Contact resistance: 180mΩ MAX.				Х	-		
Heat Resistance of Soldering			Recommended temperature profile soldering area MAX 250°C, 220°C for 60 seconds MAX. Preheating area 150 to 180°C 90 to 120 seconds. Maximum twice action is allowed under the same condition. Recommended manual soldering condition Soldering iron temperature 350°C. Soldering time: within 3 seconds.			No deformation of case of excessive looseness of the terminals.				X	_		
Solderability			Soldering temperature: $245 \pm 5^{\circ}$ C Duration of immersion: soldering for 3 ± 0.5 seconds.			onds.	A new uniform coating of solder shall cover a minimum of 95% of the surface being immersed.				. X	-	
COUN	ΙT	DE	SCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED		DATE	
A 7			DIS-H-00009674 Y			YK. SA	TAKE		TS. MIYAZAKI		202	20210623	
REMARKS Note1: Include the temperature r			rising by current					APPROVI	ED	WR. FUKUCHI	201	90806	
								CHECKE		TS. MIYAZAKI	201	90806	
								DESIGNE	ĒD	TY. MORISHITA	201	90806	
				refer to JIS C 5402. IEC 60512.				DRAWN	١	1		90806	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test						DI	RAW	AWING NO.		ELC-389766-51-00		0	
HS.		SF	PECIFI	ECIFICATION SHEET			NO.	DF4	DF40TC (2. 5) -20DS-0. 4V		V (51)	(51)	
HIF		HIR	OSE ELECTRIC CO., LTD.			CODE NO.		CL0	CL0684-4280-0-51			1/1	