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APPLICA	BLE STAN	IDARD				<u> </u>			
	Operating Temperature F	Range			Storage Temperature	Range	-10°C TO 60°C		
RATING	Voltage		001/ 10/00		Mating Connector		DF40TC-50DP-0. 4V (**)		
	Current		0. 3A		<u></u>		· · ·		
	Carron		SPECIFIC	CATI	ONS	1_			
רו	ГЕМ	T	TEST METHOD	<u> </u>		REQL	JIREMENTS	QT	AT
	RUCTION						<u>- </u>		
	General Examination		Visually and by measuring instrument.			① According to drawing.			
Marking.			Confirmed visually.			5001umg 15	awing.	X	Х
	IC CHARA				① 90	OmΩ MAX.		1	1
Contact Resistance Insulation Resistance		20mV AC or less 1khz, 1mA.				① 50MΩ MIN.			<u> </u>
			100V DC.			X			
_	Voltage Proof		100V AC for 1 min.			① No flashover or breakdown.			
	VICAL CHA				<u> </u>		•••		1
Mechanical (Operation	10times i	10times insertions and extractions.			 Contact resistance: 90mΩ MAX. No damage, crack or looseness of parts. 			
Vibration		Sweep ti	Frequency 10 to 500, acceleration 49 m/s ^{2.,} Sweep time 1 oct/min.			 No electrical discontinuity of 1 μs. No damage, crack or looseness of parts. 			_
Shock		Accelera	8h for 3 axial directions. Acceleration 980 m/s², duration of pulse 6 ms at 3 times for 3 directions.						_
ENVIRO	NMENTAL	CHAR	ACTERISTICS						<u> </u>
Rapid Change of Temperature		Temperat Time	Temperature -55 → 125 °C			cataat racieta	00m0 MAY	Х	_
Dry Heat		Exposed	Exposed at 125 °C, 1,000 h.			 Contact resistance: 90mΩ MAX. No damage, crack or looseness of parts. 			
Damp Heat			at 60 ± 2 °C numidity 90 to 95 %, 1000 h.		① Co	① Contact resistance: 90mΩ MAX.			<u> </u>
Damp Heat,	Damp Heat, Cyclic		Exposed at -10 to 65°C, Relative humidity 90 to 96%,			 Insulation resistance: 25 MΩ MIN. No damage, crack or looseness of parts. 			_
Sulphur Dioxide		Exposed	10cycles, total 240h. Exposed in 25 PPM for 96h, 40°C, Relative humidity 80%.			① Contact resistance: 180mΩ MAX.			-
Heat Resista Soldering	Heat Resistance of Soldering		Recommended temperature profile soldering area MAX 250°C, 220°C for 60 seconds MAX.			No deformation of case of excessive looseness of the terminals.			_
		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.							
Solderability		_	Soldering temperature: $245 \pm 5^{\circ}$ C Duration of immersion: soldering for 3 ± 0.5 seconds.			A new uniform coating of solder shall cover a minimum of 95% of the surface being immersed.		Х	_
COUN	IT D	ESCRIPTION	ON OF REVISIONS DES		SIGNED	GNED CHECKED		DA	TE
7		DIS-	DIS-H-00009674		. SATAKE		TS. MIYAZAKI	2021	0623
REMARKS Note1: Include	the temperature	e rising by c	rising by current			APPROVED		+	0402
	•	=				CHECKED	TS. MIYAZAKI	+	0402
lining of h		ind refer to IIS C 5402 IEC 60542				DESIGNED DRAWN	YK. SATAKE YK. SATAKE		0402
	•	ied, refer to JIS C 5402. IEC 60512. st AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-389547-58-00		
	ICATION SHEET	PA	RT NO.	<u> </u>	TC (2. 5) -50DS-0. 4V (58)				
HS.			LECTRIC CO., LTD.	СО	DE NO.		4-4279-0-58 1/1		