APPLICA	BLE STAN	DARD									
Operating Temperature Ra		ange	-40 °C to 140	°C (1)		orage emperatur	e Range		-10 °C to 6		
Rating	Voltage Current		125 V AC ⁽³⁾			orage Hui	Relative humidity 60% (Not dewed)				
			0.5 A			perating H	ng Humidity Range Relative humidity 85% n (Not dewed)				
SPECIFICATIONS											
ITEM			TEST METHOD			REQUIREMENTS				ОТ	AT
CONSTRUCTION					I					<u> ~.</u>	1,,,
		Examine	xamined visually and with a measuring instrument.							×	×
Marking		Confirmed visually.				Accordin	ng to the	drawi	ng.	×	×
ELECTRIC	CAL CHARA		CTERISTICS								
Contact Resistance		Measured at 100 mA MAX.(DC or 1000Hz)				65mΩ MAX.				×	Τ-
Insulation Resistance		Measured at 250 V DC.				1000 MΩMIN.				×	_
Voltage Proof		375 V AC applied for 1 min.				No flashover or breakdown.				×	<u> </u>
MECHANI	CAL CHAR	ACTER	STICS								
Mating and Unmating Fo	rces	Measured with an applicable connector.			Mating Force: 20 N MAX. Unmating Force: 2.2 N MIN.				×	_	
Mechanical Operation		Mated and unmated 10 times.				①Contact Resistance : 75mΩ MAX.				×	+-
						②No damage, cracks or looseness of parts.					
Vibration		Frequency 50~100 → 100~150 → 150~300Hz				①No electrical discontinuity of more than 1 μs.				×	—
		Acceleration 98 \rightarrow 98~294 \rightarrow 294 m/s ²				②No damage, cracks or looseness of parts.					
		1 cycle 3 min									
Shock		3 h for 3 axial directions (4) Acceleration 980 m/s ² , duration of pulse 6 ms								×	+
SHOCK		at 3 times for 3 axial directions.								^	
ENVIRON	MENTAL C		TERISTICS							1	
Damp Heat			at 60±2 °C, 90 ~ 95 %	, 1000) h.	①Conta	ct Resis	tance	:75mΩ MAX.	×	T -
(Steady state)		,				②Insulation Resistance : 1000 MΩ MIN. 3					
Rapid Change of		Temperature -40 → +140 °C				3No da	ımage, c	racks	or looseness of parts.	×	_
Temperature	Temperature		Time $30 \rightarrow 30$ min. under 1000 cycles.								
			JU cycles. n time to chamber : within 2∼3 N	AINI)							
Cold		Exposed at -40°C, 1000 h				①Contact Resistance : 75mΩ MAX.				×	
Dry Heat		Exposed at 140°C, 1000 h				②No damage, cracks or looseness of parts.				×	╁
Sulfur Dioxide		Evnosed at 40 ± 2°C 80 ± 5% RH 25 ± 5ppm \(\Delta\)			Contact Resistance : 75m Ω MAX.				×	 	
		for 96 h.			/2\						
			soldering:			No deformation of case of excessive looseness				×	_
Soldering Heat		Peak TMP: 260°CMAX				of the terminal.					
		Reflow TMP: 220°CMIN for 60sec									
Solderability			at solder temperature			Δ ηρω μ	niform co	nating	of solder shall cover a	×	
Solderability		240±3°C for immersion duration, 3 sec.			A new uniform coating of solder shall cover a minimum of 95 % of the surface being				^		
						immersed.					
COUN	T DI	SCRIPTI	ON OF REVISIONS		DESIGNED				CHECKED	DATE	
<u>/3</u> 1		DIS-F-00016361 TK			TK.	ABE			HH. SHINDO	2022	1215
Notes (1) Include tempe		erature rise caused by current-carrying.			APPROVED			HH. SHINDO	2019	1007	
(2)		neans a long-term storage state for the unused produc oly to PCB. distance conforms to IEC 60664-1.			CHECKED DESIGNED		KED	KN. SHIBUYA	2019	1007	
(3)							NED	TK. ABE	2019100		
	Voltage effect	tive value: 32V AC, Pollution Degree: 2				DD AMAL				20191007	
·			nector mounting part and PCB is 0.05mm MA			1/1.		VIN			
							376648-00-00				
		PECIFICATION SHEET			PAR	ART NO.			FX26-20S-1SV20		
		OSE ELECTRIC CO., LTD.			CODE NO.		CL	CL0576-1302-0-00			1/1