APPLICAE	BLE STANE	DARD										
OPERATING						RAGE 10 °C TO			-10 °C TO 60	۰°C		
	TEMPERATURE RANGE		-55 °C TO 85 °C				RE RANG	_	-10 0 10 60	, С		
RATING	VOLTAGE		100 V AC		RAN	OPERATING I RANGE		<u> </u>	40 % TO 80 %			
	CURRENT		O.4 A RAN			RAGE HUMIDITY IGE			40 % TO 70 %			
			SPECIFICATIONS									
ITEM			TEST METHOD			REQUIREMENTS				Тот	ТАТ	
CONSTRUCTION		TEST WILTHOD				INEGOTIVE INTO				9(1	1/11	
	XAMINATION	VISHAL	LY AND BY MEASURING IN	JSTRUM	FNT	ACCOF	RDING T	O DRAW	/ING	×	l ×	
MARKING	0 ((4))(1)		MED VISUALLY.	1011101111		, (000)	101101	0 510 00		×	X	
ELECTRIC	CHARACT	ERISTI	CS									
CONTACT RESISTANCE		-					80 mΩ MAX. ⁽¹⁾					
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		20 mV MAX, 1 mA(DC OR 1000Hz)				100 mΩ MAX. ⁽²⁾				×		
INSULATION RESISTANCE		250 V DC				100 MΩ MIN.				×		
VOLTAGE PROOF		300 V AC FOR 1 min.				NO FLASHOVER OR BREAKDOWN.				×		
MECHANI	CAL CHAR	ACTERI	STICS									
INSERTION AND						INSERTION FORCE: 42.0 N MAX.						
WITHDRAW						WITHDRAWAL FORCE: 3.9 N MIN.				33		
MECHANICAL OPERATION		50 TIMES INSERTIONS AND EXTRACTIONS.				 CONTACT RESISTANCE:100 mΩ MAX. (2) NO DAMAGE, CRACK AND LOOSENESS OF PARTS. 						
VIBRATION		FREQUENCY 10 TO 55 Hz, AMPLITUDE : 1.5 mm,				① NO ELECTRICAL DISCONTINUITY OF 1 μs.				×		
CHOOK		2 hrs IN 3 DIRECTIONS.				$^{\circ}$ CONTACT RESISTANCE:100 m $^{\Omega}$ MAX. $^{(2)}$						
SHOCK		490 m/s ² , DURATION OF PULSE 11 ms FOR 3 TIMES IN 3 DIRECTIONS.				1	③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
ENVIRON	MENTAL CI	HARAC	TERISTICS									
DAMP HEAT		EXPOSED AT 40 \pm 2 °C, 90 \sim 95 %, 96 hrs.				① CONTACT RESISTANCE:100 mΩ MAX. (2)						
(STEADY STATE) RAPID CHANGE OF		TEMPERATURE-55→+15∼+35→ +85→+15∼+35°C				1			TANCE:100 MΩ MIN			
TEMPERATURE		TIME $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3 \text{ min}$ 5 CYCLES.				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				S ×		
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 hrs.				① CONTACT RESISTANCE:100 m Ω MAX. (2) ② NO HEAVY CORROSION.				2) ×		
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96 hrs. (TEST STANDARD: JEIDA 38)										
RESISTANCE TO		1) REFLOW SOLDERING : 250 °C MAX,				NO DEFORMATION OF CASE OF				×		
SOLDERING HEAT		: 220 °C MIN, FOR 60 s				EXCESSIVE LOOSENESS OF THE TERMINALS.						
		2) SOLDERING IRONS : 360 °C, FOR 5 s								×		
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 240°C,				A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				×		
		FOR IMMERSION DURATION, 3 sec.										
COUN	T DE	SCRIPTION	ON OF REVISIONS		DESIG	NED			CHECKED	CHECKED DA		
REMARK (1) THIS CONNECTOR'S INITIAL CONTACT RESISTANCE SHALL BE 80 m \(\Omega \),						A B D D O V C D V					05.55	
KEIVIAKK (S INITIAL CONTACT RESISTANCE SHALL BE 80 m Ω, BULK - RESISTANCE OF STACKING HEIGHT 16 mm TY			PE. APPROVE			HS.OKAWA	05.09.0		
(2)	AFTER TEST, T	HE CHANGE OF THE CONTACT RESISTANCE nΩ MAX.				DESIGNE			HS.OZAWA	+	09.05	
	SHALL BE 20 r								TH.NODA	05.09.05		
Unless oth	erwise speci	tied, refe	er to JIS C 5402.				DRAV	VN	TH.NODA		09.05	
Note QT:Qu	ialification Test	AT:Assı	rance Test X:Applicable Test		DI	RAWIN	AWING NO.		ELC4-150891-21			
HS.		SPECIFICATION SHEET			PART	NO.			X8C-60S-SV5 (91) B-0821-0-91		<u> </u>	
FORM HDD011-		USE EL	ECTRIC CO., LTD.			E NO.	CL	CL578-0821-0-91			1/1	