APPLICAL	BLE STANDA	RD			ICTOD A C	_	T			
	OPERATING TEMPERATURE RANGE				STORAG TEMPER	ATURE RANGE	-10 °C TO	+60 °	C (1)	
RATING	VOLTAGE		60 V AC/DC		STORAG	E Y RANGE	RELATIVE HUMI	RELATIVE HUMIDITY 85		AX
	CURRENT		2 A			(NOT DEW		EWED)		
			SPECIF	FICAT	IONS					
	TEM		TEST METHOD			REC	QUIREMENTS		QT	TA
CONSTRU		1								1
	XAMINATION	VISUALL	Y AND BY MEASURING IN	STRUME	NT. AC	CORDING TO D	DRAWING.		×	>
MARKING		CONFIRMED VISUALLY.							×	;
ELECTRIC	CHARACTER	RISTICS								
CONTACT RESISTANCE		1A DC.				mΩ MAX.			×	-
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD		10 mV AC MAX, 0.1 mA(DC OR 1000Hz)				10 mΩ MAX.				-
INSULATION RESISTANCE		500 V DC.			100	100 MΩ MIN.				-
VOLTAGE PROOF		1000 V AC FOR 1 min.			NO	NO BREAKDOWN.			×	+-
MECHANICAL CHARAC		TERISTICS								
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			2	<ol> <li>CONTACT RESISTANCE: 20 mΩ MAX.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			× ×	-
VIBRATION		FREQUENCY 20 TO 200Hz (44m/s²) SWEEP TIME 3min.(ROUND TRIP) AT 3h FOR 3 DIRECTIONS.			_	① NO ELECTRICAL DISCONTINUITY OF 7ΩMIN ,			×	-
					② ( ③ )	1μs MIN.  CONTACT RESISTANCE: 20 mΩ MAX.  NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			×	-
SHOCK		981m/s <sup>2</sup> DURATION OF PULSE 6ms AT 3 TIMES FOR 6 DIRECTIONS.			MES ①	$\begin{tabular}{ll} \begin{tabular}{ll} \beg$			×	-
					_	NO DAMAGE, CI PARTS.	RACK AND LOOSENES:	S OF	×	-
LOCK STRENGTH		MEASURE BREAK STRENGTH OF THE LOCK BY PULLING THE CONNECTOR IN THE MATING DIRECTION.			_	100N MIN.			×	-
ENVIRON	MENTAL CHA									
DAMP HEAT (STEADY STATE)		EXPOSED AT 60 °C, 90 ~ 95 %, 96 h.			. ①	CONTACT RES	SISTANCE: 20 mΩ MA	Κ.	×	T -
					3	$\begin{tabular}{ll} \begin{tabular}{ll} \beg$				-
RAPID CHANGE OF TEMPERATURE		TEMPERATURE- 40 → ROOM TEMP → $125^{\circ}$ C → ROOM TEMP TIME 30 → 5 → 30 → 5 min UNDER 1000 CYCLES.			2	<ol> <li>CONTACT RESISTANCE: 20 mΩ MAX.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			× ×	-
DRY HEAT		EXPOSED AT 140°C, 120 h.			2	<ol> <li>CONTACT RESISTANCE: 20 mΩ MAX.</li> <li>NO DAMAGE, CRACK AND LOOSENESS OF PARTS.</li> </ol>			×	-
COLD		EXPOSE	EXPOSED AT -40°C , 120 h.			CONTACT RESISTANCE: 20 mΩ MAX.     NO DAMAGE, CRACK AND LOOSENESS OF PARTS.				-
RESISTANCE TO SO <sub>2</sub> GAS		EXPOSE	EXPOSED IN 25 PPM AT 75% MIN FOR 96h.			① CONTACT RESISTANCE: 20 mΩ MAX.				<del> </del>
RESISTANCE TO SOLDERING HEAT		REFLOW TEMP. OVER 250°C , 10sec. PREHEAT 180°CMAX , 120sec.			МЕ	NO PLATING PEELING OF THE TERMINALS, MELTINGS OF HOUSINGS.			×	<u> </u>
SOLDERABILITY		SOLDERED AT SPECIFIED TEMPERATURE PROFILE.			SHA	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.			×	-
COUN	T DES	CRIPTION	OF REVISIONS		DESIGNE	D CHECKED		DA	TE	
<i>∕</i> 0\ 0										
REMARK (NOTE1) "STORAGE" means a long-term sto before assembly to PCB.			rm storage state for the unused product			APPROVED AH. EDASHIGE CHECKED AH. EDASHIGE			2021102	
						DESIGNE	ED KH. MARUNO		2021	1102
Note QT:Qualification Test AT:Assurance Test X:Applicable Test					DRAV	DRAWING NO. PLC-395655-00				
ınc	SP	SPECIFICATION SHEET			PART NO	RT NO. ZH05-24DS-2H (B)		H (B)		
HS.	LUDG	OSE ELECTRIC CO., LTD.		0005.11	DDE NO. CL0756-2109-0-			$\wedge$	1/	