<u>'ì</u> Redraw	n.										
APPLIC <i>A</i>	ABLE S	STAN	IDARD								
	POWER			11/0/		CHARAC* IMPEDAN	RACTERISTIC EDANCE		50 Ω		
RATING	OPERATING TEMPERATURE RANGE			-40°C TO +	85°C △	STORAGE RANGE	E TEMPERATUR	RE	-30°C TO +70°C	_	介
	FREQUENCY RANGE			DC TO 6.0 GHz A		OPERATI RANGE	ING HUMIDITY	HUMIDITY % TO 90%			
	CURREN	NT		_		APPLICA	BLE CABLE		_		
				SPE	CIFICA	TIONS	S				
ľ	TEM			TEST METHOD			R	EQUIR	EMENTS	QT	АТ
CONSTR	RUCTI	ON									1
GENERAL VISUALLY AN			VISUALLY AN	ND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.				×
EXAMINATION MARKING			CONFIRMED VISUALLY.			AC	ACCORDING TO DRAWING.				×
	IC CH	ΙΔΡΔ	CTERISTI			7.0	CONDING TO	510 (×	_ ^
V.S.W.R.	N.		FREQUEN		GHz			1.2	MAX	1	
V.G.VV.IX.	14.	C	FREQUEN		GHz			1.5	MAX		
\triangle	N.	0			GHz				MAX	1	1
	:N.			FREQUENCY						×	-
		'	FREQUEN		GHz			1.4	MAX	1	1
			FREQUEN		GHz			1.4	MAX	-	1
INSERTIO	N N.				GHz				dB MAX	1	1
	י.און אוי	C	FREQUEN								
LOSS			FREQUEN		GHz).2 d			_
			FREQUEN		GHz).4 d			
\triangle	N.		FREQUEN		GHz).2 d		×	
	*	1	FREQUEN		GHz		().3 d			
			FREQUEN	NCY 2.5 TO 3.0	GHz		().4 d	B MAX		
			FREQUEN	NCY 3.0 TO 6.0	GHz		().8 d	B MAX		
ISOLATIO	N		FREQUEN	NCY DC TO 1.0	GHz			25 d	B MIN		
\triangle			FREQUENCY 1.0 TO 3.0 GHz					20 d	B MIN	×	_
		FREQUENCY 3.0 TO 6.0 GHz				14 dB MIN					
CONTACT RESISTANCE A		VALUE AT MAXIMUM OF DC 100 mA.				CENTER: 75 mΩ MAX			×	×	
						OUTER : 50 mΩ MAX				+ -	
INSULATION A RESISTANCE		VALUE AT DC 100 V							×	_	
						1000 MΩ MIN				-	
VOLTAGE	PROO	FA	MUST KEEP	THE AC 100 V FOR	1 min.	NO	FLASHOVE	R OR I	BREAKDOWN.	×	×
			ARACTERI							1	1
VIBRATIO						1	NO ELECTR	ΓΔΙ Γ	DISCONTINUITY OF		
VIBIOTIO			FREQUENCY 10 TO 55 Hz, TOTAL AMPLITUDE 1.5 mm FOR 3 DIRECTIONS 2 HOURS EACH.				① NO ELECTRICAL DISCONTINUITY OF 10 μs. ② CONTACT RESISTANCE: CENTER: 100 m Ω MAX				
						②					
SHOCK	^										
	<u>∠</u> ì	_ د	490 m/s ²				OUTER : 75 mΩI			×	-
			FOR 3 DIRECTIONS 3 TIMES EACH.			3	③ NO DAMAGE, CRACK OR LOOSENESS				
							OF PARTS.	., Сіх-	ICK OK LOOSLINESS		
							OF FARTO.				
COUN	Т		DESCRIPTION	OF REVISIONS		DESIGN	IGNED		CHECKED		ATE
1 17		DIS-D-0000508				MS. MATSUMOTO MT. KANEKO			15. 09. 04		
REMARKS									05. 01. 05		
**1 The spec of N.O is mated with MS-147-HRMJ-1.											
RoHS COMPLIANT				J I TI I II NIVIO I.			CHECKE		RZ. KANO		01. 05
							DESIGN		KH. HIDA		01. 05
Unless otherwise specified, refer to IEC-60512							DRAWN		KH. HIDA		01. 05
Note QT:0	Qualification Test AT:Assurance Test ×:Applicable Test				st	DRA	DRAWING NO. ELC4-180145-			-01	
ЖS		SPECIFICATION SHEET				PART NO	ART NO. MS-147 (06)		MS-147 (06)		
иO				CTRIC CO., LTD.		CODE NO	o. CL358-0150-5-06		-0150-5-06	Δ	1/2
1		2.1				IAC					

	SPECIFIC/	ATION	IS					
ITEM	TEST METHOD			REQU	IREMENTS	Q	Т	АТ
DURABILITY * 1	MUST BE LESS THAN THE STD.VALUI AFTER 12,000 TIMES INSERTION AND EXTRACTION AT THE CONDITION. A: DC ~ 3.0 GHz B: 3.0 ~ 6.0 GHz C: DC ~ 2.0 GHz D: 2.0 ~ 2.5 GHz E: 2.0 ~ 3.0 GHz F: 2.5 ~ 3.0 GHz		2 V.S 3 INS 4 NC	OUTER: S.W.R. N.C A: B: N.O C: B: B: SERTION LO N.C C: B: N.O C: D: F: B:	100 m Ω MAX 75 m Ω MAX 1.35 MAX 1.65 MAX 1.4 MAX 1.45 MAX 1.55 MAX 2.1 MAX 0.35 dB MAX 0.35 dB MAX 0.35 dB MAX 0.45 dB MAX	>	<	_
ENVIRONMENTAL	CHARACTERISTICS							
RAPID CHANGE OF TEMPERATURE	TEMPERATURE $-55 \rightarrow 5 \sim 35 \rightarrow 85 \rightarrow 5 \sim 35$ TIME $30 \rightarrow 5 \rightarrow 30 \rightarrow 5$ mil UNDER 100 CYCLES AND LEAVE IT FOR ONE HOUR OR TWO.	5 °C n.	2 INS 10 3 NC	OUTER : $SULATION R$ $M\Omega$ MIN	100 mΩMAX 75 mΩMAX :ESISTANCE. CRACK AND	>	<	_
DAMP HEAT (STEADY STATE)	EXPOSED AT 40°C, 90~95%, 96h. THEN LEAVE IT FOR ONE HOUR OR T IN THE AMBIENT TEMPERATURE AN HUMIDITY.	rwo ND	2 INS 10 3 NC	OUTER :	100 mΩMAX 75 mΩMAX ESISTANCE.	>	<	_
RESISTANCE TO SOLDER HEAT	SOLDER TEMPERATURE 240 °C FOR IMMERSION DURATION 10 SEC	.	NO		CRACK AND	>	<	_
SALT SPRAY (CORROSION)	EXPOSED IN 5±1% SALT WATER SPLAY FOR 48 HOURS. TEMPERATURE 35±2 °C.			① CONTACT RESISTANCE: CENTER: 100 m Ω MAX OUTER: 75 m Ω MAX ② MUST NOT HAVE HEAVY CORROSION				_
DRY HEAT 🚹	EXPOSED AT +85°C, 96h.			① CONTACT RESISTANCE: CENTER: 100 m Ω MAX OUTER: 75 m Ω MAX ② INSULATION RESISTANCE. 10 M Ω MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			<	_
COLD A	EXPOSED AT -55°C, 96h.			① CONTACT RESISTANCE: CENTER: 100 mΩMAX OUTER: 75 mΩMAX ② INSULATION RESISTANCE. 10 MΩ MIN ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			<	_
ote QT:Qualification Test AT:Assurance Test ×:Applicable Test			RAWING NO.		ELC4-1801	45-0	1	
NO	SPECIFICATION SHEET			PART NO. MS-147 (06)		Δ		1/0
FORM HD0011-2-2	OSE ELECTRIC CO., LTD.	CODE	CODE NO CL358-0150-5-06 A					2/2