COUNT	DESCRIPTION	SCRIPTION OF REVISI			CHKD	DATE COUNT		DESCRIPTION OF REVISIONS		BY CHKD		DATE		
\triangle														
APPLICABLE STANDARD OPERATING STORAGE														
RATING OPERATING TEMPERATURE VOLTAGE		RE RANGE -35 °C TO +85 °C(NOTE1) TEMP					PERATURE RANGE -10 °C TO +60							
		Ε		000 \/ 40				DF1B-*DS-2.5				RC_		
CURRENT			3 A											
					SF	PECIFI	CATI	٥N	IS .					
IT			TES	T ME	THOD			REQUIREMENTS					ΑT	
CONSTR														
GENERAL E								ACCORDING TO DRAWING.					×	
MARKING		CONFIRMED VISUALLY.											×	
ELECTRIC CHARACTERISTICS											×			
CONTACT R									30 mΩ MAX.					
INSULATION RESISTANC	500 V DC.							1000 MΩ MIN.				×	-	
VOLTAGE P	650 V AC FOR 1 min.							NO FLASHOVER OR BREAKDOWN.					-	
MECHAN	ICAL CHAP													
MECHANICA OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.							 CONTACT RESISTANCE: 30 mΩ MAX. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				×	_	
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.							 NO ELECTRICAL DISCONTINUITY OF 1 μs. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				×	_
SHOCK		490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.							 NO ELECTRICAL DISCONTINUITY OF 1 μs. CONTACT RESISTANCE: 30 mΩ MAX. NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 				×	
FNVIRON	ENVIRONMENTAL CHARACTERISTICS													
RAPID CHAI	TEMPE		RE -55	→ 5 TC	35→+85							×	_	
TEMPERATURE		TIME $30 \rightarrow 5 \text{ MAX} \rightarrow 30 \rightarrow 5 \text{ MAX}$ min UNDER 5 CYCLES.							③ NO DAMAGE, OF PARTS.	, CRACK OR	LOOS	SENESS		
DAMP HEAT (STEADY STATE)		EXPOSED AT 40 ± 2 °C, 90 ∼ 95 %, 96 h.							 ① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE: 1000 MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS. 					
RESISTANC SOLDERING	1) AUTOMATIC SOLDERING (FLOW) SOLDER TEMPERATURE, 260 °C FOR IMMERSION, DURATION, 5 sec. 2) MANUAL SOLDERING SOLDERING IRON TEMPERATURE: 300 °C, SOLDERING TIME: 3 sec. NO STRENGTH ON CONTACT.							NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.				×		
SOLDERAB	SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR INSERTION DURATION, 5 s.							SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.				×		
REMARKS							DF	RAWN	DESIGNED	CHECKED	APF	ROVED	RELE	ASED
NOTE1: INCLUDE THE TEMPERATURE RIS					i i				Trumetuovo Jingfighto					
Note QT:Q	ualification Test	AT:Ass	surance	e Test	×:Ap	plicable Te	st		IPART N	10	- 10 · 1	·		
HV5	HIROSE E	LECTRI	c co.	, LTC	. SP	PECIFIC	ATIO	N S		io. F1BZ-	k DF	P-2.5[)SA	١
	CODE NO.(OLD) DRAWING NO. PART NO. CL ELC4-303247-02 CL541									1/				
CL				LLC	,4-3(J3Z47-	·UZ			CL541				/1

