	COUNT	DESCRIPTION OF REVI		SIONS BY CHKD DA		DATE	TE COUNT		VΤ	DESCRIPTION OF REV		EVISIONS	VISIONS BY		(D D/	ATE	
Δ								Δ									
								Δ							<u> </u>		
APPLICABLE STANDARD OPERATING TEMPERATURE 40% 105% ISTORAGE TEMPERATURE 10% 150% (Parked Care																	
		RANGE			-4	10 C ~	+105°	;		RAN	GE				•	ked Cond	
RATING		VOLTAGE	50V [AC(rms) / DC								PERATING OR STORAGE RELATIVE HUMIDITY 9 UMIDITY RANGE (NOT DEWED)						
		CURRENT	0.54 [AC(rma) / DC](notat) AP								PLICABLE EDC/EEC (+-0.2+0.						. m)
		CONNEINT	SPECIFICATION							CAB	DLE						1111)
								FIC	ATI(<u> </u>	<u>S</u>						
		ITEM			TES	ST ME	THOD					REQUI	REMENT	<u>'S</u>		QT	ΑT
_		UCTION	VICUALLY AND BY MEACURING INCTRUSENT								1						
	RAL EXAN	IINATION	VISUALLY AND BY MEASURING INSTRUMENT								ACCORDING TO DRAWING					0	0
MARK		041 0114 040	CONFIRMED VISUALLY													0	0
ELECTRICAL CHARAC											_						1
CONTACT RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF 1mA													0	0
INSULATION RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF								※ INCLUDING FPC/FFC BULK RESISTANCE(L=8mm) 100 Mo MIN 100						
INSULATION RESISTANCE			DC 500V								100 MΩ MIN.					0	0
VOLTAGE PROOF			MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF								NO FLASI	HOVER OR BREAK	DOWN.			-	
			AC 250V FOR 1 min								NOTE IGNOVER ON BREAKBOWN.					0	0
ME	CHAN	ICAL CHARA	CTERISTICS								<u>l</u>						1
FPC RETENSION FORCE			MEASURE BY APPLICABLE FPC/FFC(t=0.3)								①VERTI	CAL DIRECTION	: 0.3 x n N	I MIN			
			AT INITIAL CONDITION									ONTAL DIRECT	ON: 0.4 x	n N MIN		0	-
MECHANICAL OPERATION			20 TIMES INSERTIONS AND EXTRATIONS								(n=Number of Contacts) ①CONTACT RESISTANCE: 50mΩ MAX					+	
		•									②NO DAMAGE, CRACK AND LOOSENESS OF PARTS					0	
VIBRATION			FREQUENCY 10 ~ 55 Hz, SINGLE AMPLITUDE 0.75 mm AT 10CYCLES, IN 3 AXIAL DIRECTIONS									ECTRICAL DISCON CT RESISTANCE :		1 μs.		0	-
SHOCK			981m/s ² DIRECTION OF PULSE 6ms AT 3 TIMES							_		MAGE,CRACK ANI		S OF PAF	₹TS	0	_
			IN 3 BOT	TH AXIAL	DIRECT	IONS.										+	
ENVIRONMENTAL CHARACTERISTICS																	
DAMP HEAT(STEADY STATE)			EXPOSED AT 40±2°C, 90~95 %, 96Hr.							(①CONTACT RESISTANCE: 50 m Ω MAX.					0	_
RAPID	CHAGE (OF TEMPERATURE	TEMPERA	ATURE :	-40±3	→15~35	→ 105±2	→ 15-	-35 ℃	(②INSULA	ATION RESISTANC	E: 50 MΩ MIN	٧.			
			TIME:			2~3 →	30 → 2~	-3 mir	١.	(③NO DAI	MAGE, CRACK OR	LOOSENESS	S OF PAR	ΓS.	0	-
DAMP HEAT, CYCLE			UNDER 5 CYCLES. TEMPERATURE -10→+65								-					<u> </u>	
DAIVIF	HEAT, C	TOLE	HUMIDIT)											
			10 CYCLI													0	-
			TO GTGE	.L(240111	,												
DRY HEAT			EXPOSED AT 105±2℃, 96Hr								①CONTACT RESISTANCE : 50mΩ MAX					0	
COLD			EXPOSED AT -40±3°C, 96Hr								②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					0	_
CORROSION SALT SPRAY			EXPOSED AT 35±2°C, 5±1% SALT WATER SPRAY							(⊕CONTACT RESISTANCE 50mΩ MAX						
			FOR 48H	ŀr						(②NO DAI	MAGE, CRACK OR	LOOSENESS	S OF PAR	TS.	0	-
HYDROGEN SULPHIDE			EXPOSED IN 3 PPM, 40±2°C, 80±5%, FOR 96Hr								③NO EVIDENCE OF CORROSISON WHICH AFFECTS					0	
											TO OPE	ERATION OF CON	IECTOR.				
RESISTANCE TO			REFLOW SOLDERING:								①NO DEFORMATION OF CASE OF EXCESSIVE						
SOLDERING HEAT			TEMP.: 250℃ MAX. 230℃ MIN FOR 60s.								LOOSENESS OF THE TERMINALS.					0	-
			FREE HEAT 150 ~ 200℃, 90 ~ 120s								@NO DAMAGE OF ELECTRICAL PERFORMANCE						
SOLDE	ER ABILIT	Y					ATURE, 245	±3℃		١	DIP & LO	OK TEST: 95% M					
			FOR IMM	MERSION	DURATI	ON, 3±0).3s					COATIN	G OF SOLDE	:R		0	_
(. a 1																
(note		THE SAME VALUE O	F CURRI	ENT AF	E APPL	JED TO	ALL CON	TACT	S AT T	HE S.	AME TIN	ME IN ONCE,					
	SET TH	IE CURRENT TO THE	E 70% OI	F THE I	RATED	CURRE	NT VALUE										
(note	2)																
(,,,,,,,	-	T CLOSE THE ACTU	ATOR BE	EFORE	INSERT	ING FP	C EVEN A	FTER	THE C	ONNI	ECTOR I	IS MOUNTED OF	TO A PCE	3			
	CLOSIN	IG THE ACTUATOR	WITHOU ⁻	T FPC (COULD	MAKE 1	THE CONT	ACT	GAP SI	MALL	ER, WH	IICH INCREASES	THE FPC I	INSERTIC)N FO	RCE	
REMARKS CONDITIONS FOR TESTING								DRAWN		Г	DESIGNE	D CHECK	CHECKED APPROVED			RELEAS	SED
	,	CONDITIONS	TOTT TEOTING					D1011111							_		
							\ vc	OΝ	G V	V		a.Y CHO	ънΙс	HO D	ы I/	ENC	
										YOON G.Y CHO [18.10.15 18.10				18.10.	.15		
UNLESS OTHERWISE SPECIFIED, REFER TO IEC 60512.									-	Ι .				DEP	ナノ		
NOT		QUALIFICATION			SSLIRA	NCF T	FST O: 4	APPI	ICARI	FT	-ST	1	1				
												PART NO.					
	HIRO	SE KOREA CO	.,LTD	.	SF	ECI	FICAT	IOI	N SF	HEE	=T		16-**S	-0.58	H(8	00)	
CODE NO.(OLD) DRAWING NO.							TF46-**S-0.5SH()						1 ,				
CL ELC4-63						4-632	297					CL ****-*					
																	y