	COUNT	DESCRIPTION	OF REVI	ISIONS BY C		CHKD	DATE		COUN	٦ D	DESCRIPTION OF RE		VISIONS	BY	CHK	D D/	ATE
$\triangle$								<u> </u>		_						+	
		DI E STANDA	\ DD					Δ							<u> </u>		
APPLICABLE STANDARD  OPERATING TEMPERATURE  -40°C ~ +105°C (note1)  STORAGE TEMPERATURE  -10°C ~ +50°C (Packed Condition of the condition of t															dition)		
l		RANGE	TION TO SERVICE TO SER						RANG OPER	NGE PROTOCOLOGICAL PROTOCOLOGICA P							
RA	TING	VOLTAGE	50V [AC(rms) / DC] HU						HUMIE	JMIDITY RANGE DEWED)							
CURRENT				0.5A [AC(rms) / DC] <i>(</i> /						CABLE	PLICABLE         FPC/FFC (TYPE A :t=0.3           BLE         (TYPE B : t=0.3						
				SPECIFICATION							NS .						
ITEM TEST METHOD REQUIREMENT											EMENT	S		QT	ΑT		
CO	NSTF	RUCTION															
GENE	RAL EXA	MINATION	VISUAL	VISUALLY AND BY MEASURING INSTRUMENT							ACCORDING TO DRAWING					0	0
MARK				CONFIRMED VISUALLY													0
ELECTRICAL CHARA			_														
CONTACT RESISTANCE				MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF AC 20mV MAX, 1mA								50 mΩ MAX. INCLUDING FPC/FFC BULK RESISTANCE(L=8mm)					0
INSULATION RESISTANCE			_	MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF								500 MΩ MIN.					┼
				DC 100V								Will Will.					
VOLTAGE PROOF												NO FLASHOVER OR BREAKDOWN.					
			AC 150	AC 150V FOR 1 min.													0
ΜE	CHAI	NICAL CHAI	RACTE	RIST	ICS												
FPC RETENSION FORCE				MEASURE BY APPLICABLE FPC/FFC(t=0.3) AT INITIAL CONDITION								①HORIZONTAL DIRECTION: 6.4N min. ②VERTICAL DIRECTION: 4.8N min. (note3)					_
MECHANICAL OPERATION				20 TIMES INSERTIONS AND EXTRACTIONS								RESISTANCE:				0	<u> </u>
VIBRATION			EDEOL	EDECHENCY 10 ~ 55 Hz TOTAL AMOUTUDE 4 5 -								②NO DAMAGE, CRACK AND LOOSENESS OF PARTS ①NO ELECTRICAL DISCONTINUITY OF 1 \( \psi \).					▙▔
			AT 2h,	FREQUENCY 10 ~ 55 Hz, TOTAL AMPLITUDE 1.5 mm AT 2h, IN 3 DIRECTIONS								RESISTANCE	50mΩ MA	ιX		0	_
SHOC	SHOCK			981m/s <sup>2</sup> DIRECTION OF PULSE 6ms AT 3 TIMES IN 3 DIRECTIONS.								GE,CRACK ANI	) LOOSENI	ESS OF F	PARTS	0	-
			III O BI	IN O DIRECTIONS.												+	t
ENI	//	INACNITAL C		OTE	NOTI	<u> </u>											<u> </u>
		TEADY STATE)		HARACTERISTICS EXPOSED AT 40±2°C, 90~95 %, 96Hr.							①CONTACT RESISTANCE: 50 mΩ MAX.					Το	Т_
RAPID CHANGE OF TEMPERATURE			_													$\vdash$	┢
			TIME :				3 → 3					GE, CRACK OF			ARTS.	0	l _
			UNDEF	UNDER 5 CYCLES.													
DAMP HEAT, CYCLE			TEMPE	TEMPERATURE -10→+65													
			HUMID	HUMIDITY: 90~95%													_
DDV/HEAT			_	10 CYCLE(240Hr)													<u> </u>
DRY HEAT COLD			_	EXPOSED AT 105±2°C, 96Hr								①CONTACT RESISTANCE: 50mΩ MAX ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					-
CORROSION SALT SPRAY				EXPOSED AT -40±2°C, 96Hr  EXPOSED AT 35±2°C, 5±1% SALT WATER SPRAY FOR 48Hr											ARIS.	0	-
			LAFOS	EM COLD AT SOLE O, SEL // GALL WATER STRAT FUR 48HF							②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.					0	-
HYDROGEN SULPHIDE			EXPOS	EXPOSED IN 3 PPM FOR 96Hr.							③NO EVIDENCE OF CORROSION WHICH AFFECTS						1
			(TEST	(TEST STANDARD : JEIDA-38)								TO OPERATION OF CONNECTOR.					
RESISTANCE TO			1)REFL	1)REFLOW SOLDERING:								①NO DEFORMATION OF CASE OF EXCESSIVE					
SOLDERING HEAT			PEAK 1	PEAK TMP.: 250°C MAX. TMP. 230°C MIN FOR 60s								SS OF THE TER	RMINALS.			0	-
				2)SOLDERING IRONS TMP.: 350±10℃ FOR 5±1s								GE OF ELECTF			CE		<b>↓</b>
SOLDER ABILITY				SOLDER DIPPING TEMPERATURE 245±5°C								A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF					
			, -	(TEST STANDARD: MIL-STD-202) FOR IMMERSION DURATION, 3±0.3 sec.								THE SURFACE BEING IMMERSED.					
(	note 1)		I OH IIV									JE BEING IIVIIVII	_nold.				<u> </u>
FOLLOW THE SPECIFICATIONS OF FPC/FFC IF IT'S ALLOWABLE MAXIMUM OPERATING TEMPERATURE IS BELOW 105°C (note 2) WHEN THE SAME VALUE OF CURRENT ARE APPLIED TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70% OF THE RATED CURRENT VALUE. (note 3)																	
1	THE	re's a case whi	CH FPC/F	FC RETE	NTION	FORCE	DOESN'	ΓFUL	FILL TH	E VAL	UE,						
DE1		AUSE FPC/FFC SP				HE RESU						0.15014	I	20001			
KEN	IARKS	CONDITIO	NS FOR	S FOR TESTING				DRAWN		DE	ESIGNED	CHECKI	=D   AF	PPROVE	ן ט	RELEA:	
										K.G	G.YANG	D.H.C	10 D	D.H.CHO		ENG	-
															22.04	.07	
LINI	:00 ATH	ERWISE SPECIFIE	ט פבבר	REFER TO JEC 60512				21.03.29		21	21.03.29 21.03.		29 21.03.29			DEP	ワ
UNLESS OTHERWISE SPECIFIED, REFER TO IEC 60512.  NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST													_				
	HIROSE KOREA CO.,LTD. SPECIFICATION SHEET PART NO.																
						IOA	IF31=32(16)SB=1SH(					(008	1 ,				
CODE NO.(OLD)				DRAWING NO.					CL 6535-0083-2-80					-800	o  ¹/		
CL					ELC4	-6333	49–80	)								/ 1	