cou			RE-5-2033		BY Y.K.G	CHKD C.D.H	DATE 18.10.04	_	COL	INT	DESCR	RIPTION	N OF RE	VISIONS	BY	СНК	D/	ATE
		NE-3-20	055		T.K.G	C.D.IT	10.10.0-											
	APPLICABLE STANDARD																	
		DPERATING TEMPER		URE -40° C $+105^{\circ}$ C (note1) STO						RAN	orage temperature -10°C~+50°C(Packed Con						d Cono	dition)
RATING		VOLTAGE	50V [AC(rms) / DC]					HUN	OPERATING OR STORAGE Relative Humie HUMIDITY RANGE 90% MAX(NOT D					,				
CURRENT			Λ	(1) = (1)							PLICABLE FPC/FFC (t=0.3±0.							ım)
									ATI		S							
ITEM TEST METHOD REQUIREMENTS														QT	AT			
CONS GENERAL E		JCTION	VISUALLY AND BY MEASURING INSTRUMENT								1							1
MARKING	INATION	CONFIRMED VISUALLY								ACCORDING TO DRAWING						0	0	
ELECT	RIC	AL CHARAG		STIC	5													
CONTACT RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF AC 20mV MAX (1KHz), 1mA.								50mΩ MAX. INCLUDING FPC/FFC BULK RESISTANCE(L=8mm)						0	0
INSULATION RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF DC 100V.								500ΜΩ ΜΙΝ.						0	0
VOLTAGE PROOF				MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF AC 150V FOR 1 min.								NO FLASHOVER OR BREAKDOWN						ο
MECH	IAN	ICAL CHAR	ACTE	RISTI	CS													
MECHANIC	MECHANICAL OPERATION			20 TIMES INSERTIONS AND EXTRATIONS.								 CONTACT RESISTANCE : 50mΩ MAX. NO DAMAGE,CRACK AND LOOSENESS OF PARTS 						-
VIBRATION			-	FREQUENCY 10 TO 55 Hz, HALF AMPLITUDE 0.75 mm, - m/s ² FOR 10 CYCLES IN 3 DIRECTIONS.								 NO ELECTRICAL DISCONTINUITY OF 1μs. CONTACT RESISTANCE : 50mΩ MAX. 						-
SHOCK			981m/s	981m/s ² DIRECTION OF PULSE 6ms AT 3 TIMES IN 3 DIRECTIONS.								 WO DAMAGE, CRACK AND LOOSENESS OF PARTS 						-
FPC/FFC RETENSION FORCE				MEASURE BY APPLICABLE FPC/FFC. (THICKNESS OF FPC/FFC SHALL BE t=0.30mm								HORIZONTAL DIRECTION : 0.3N X n MIN. (n : NUMBER OF CONTACTS). (note 3)						-
		IMENTAL C																
							5 → +105	→ 15 ⁻	FO 35 °	C (1) CONT	ACT RES	ISTANCE : !	50mΩ MAX				T
Z <u>1</u>				TIME : $30 \rightarrow 2 \sim 3 \rightarrow 30 \rightarrow 2 \sim 3$ min UNDER 5 CYCLES.							© INSULATION RESISTANCE : 50MΩ MIN. ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS						0	-
DAMP HEAT (STEADY STATE)				EXPOSED AT 40±2°C, 90~95 %, 96h.													0	-
DAMP HEAT, CYCLE			TEMPERATURE : -10 TO +65°C HUMIDITY : 90 TO 95%														o	-
DRY HEAT				10 CYCLE, TOTAL 240h. EXPOSED AT 105±2°C, 96h.								 CONTACT RESISTANCE : 50mΩ MAX. 						-
COLD			EXPOSED AT -40±3°C, 96h.								② NO DAMAGE, CRACK OR LOOSENESS OF PARTS						0	-
Corrosion salt mist Surphur dioxide			EXPOSED AT 35±2°C, 5% SALT WATER SPRAY FOR 96h.								 CONTACT RESISTANCE : 50mΩ MAX. NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR 						0	-
[JIS C 0090]			EXPOSED AT 40±2°C, RELATIVE HUMIDITY 80±5%, 25±5 PPM FOR 96h.														0	-
HYDROGEN SULPHIDE [JIS C 0092]			EXPOSED AT 40±2°C, RELATIVE HUMIDITY														0	-
RESISTANCE TO SOLDERING HEAT			80±5%, 10 TO 15 PPM FOR 96h. 1) REFLOW SOLDERING :								① NO DEFORMATION OF CASE OF EXCESSIVE							
			PEAK TMP. 250°C MAX. REFLOW TMP.230°C MIN. FOR 60 sec. 2) SOLDERING IRONS : TMP. 350±5°C FOR 5±1 sec.								LOOSENESS OF THE TERMINALS ② NO DAMAGE OF ELECTRICAL PERFORMANCE						o	-
SOLDERABI	SOLDERABILITY			SOLDER DIPPING TEMPERATURE 245±5°C, FOR IMMERSION DURATION, 3±0.3 sec.								A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACR BEING IMMERSED.						-
IS (note W Si (note TI	FOLL(S BEI e 2) VHEN SET T e 3) FHERI	DW THE SPECIFIC OW 105°C I THE SAME VALU HE CURRENT TO E'S A CASE WHIC USE FPC/FFC SPI	IE OF CU THE 709 H FPC/F	JRREN ⁻ % of t FC RE	Γ ARE Δ HE RA TENTIC	APPLIEI TED CU DN FOR	D TO ALI RRENT V	_ CON /ALUE GN'T F	ITACT E. FULFII	UM O S AT	PERAT THE SA	TING TEI AME TIM JE,	MPERATU	JRE				1
REMAR	RKS							DRAV	VN	D	ESIGN	ED	CHECKE	D AF	PROV	ED	RELEA	SED
							E	B.J KIM		E	B.J KIM		D.H CHO H.C SONG			ENG 18.10.04		
	UNLESS OTHERWISE SPECIFIED). REFER TO JIS C 5402				18.03.02		1	18.03.02		18.03.02 18.03.02			DEPT		
NOTE							TEST (); AP			TEST						\sim	/
	HIROSE KOREA CO. LTD. SPECIFICATION SHEET PART NO.																	
	o /o·	D)		DRAW			D. CODE NO				TF38-**S-0.5SV(830)					0)	1	
	CODE NO.(OLD)				DRAWING NO. COD ELC4-632306					= NO.			CL 6	537-***	**-*-8	330		$\left \right _{1}$
CL																		V^{1}