

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE					
△						△										
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APPLICABLE STANDARD																
RATING	OPERATING TEMPERATURE RANGE		-40℃ ~ +85℃			STORAGE TEMPERATURE RANGE		-10℃ ~ +50℃(Packed Condition)								
	VOLTAGE		50V [AC(rms) / DC]			OPERATING OR STORAGE HUMIDITY RANGE		Relative Humidity 90%MAX (NOT DEWED)								
	CURRENT		0.5A [AC(rms) / DC](note 1)			APPLICABLE CABLE		FPC/FFC (t=0.3±0.03mm)								
SPECIFICATIONS																
ITEM			TEST METHOD				REQUIREMENTS			QT	AT					
CONSTRUCTION																
GENERAL EXAMINATION			VISUALLY AND BY MEASURING INSTRUMENT				ACCORDING TO DRAWING			0	0					
MARKING			CONFIRMED VISUALLY							0	0					
ELECTRICAL CHARACTERISTICS																
CONTACT RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF 10mA, 20mv DC				50 mΩ MAX. INCLUDING FPC/FFC BULK RESISTANCE(L=8mm)			0	0					
INSULATION RESISTANCE			MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF DC 500V				500 MΩ MIN.			0	0					
VOLTAGE PROOF			MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF AC 250V FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			0	0					
MECHANICAL CHARACTERISTICS																
FPC RETENSION FORCE			MEASURE BY APPLICABLE FPC/FFC(t=0.3) AT INITIAL CONDITION				DIRECTION OF INSERTION :			0	-					
							NUMBER OF CONTACTS									
							FORCE(N, MIN.)									
MECHANICAL OPERATION			20 TIMES INSERTIONS AND EXTRATIONS				①CONTACT RESISTANCE: 50mΩ MAX ②NO DAMAGE,CRACK AND LOOSENESS OF PARTS			0	-					
VIBRATION			FREQUENCY 10 ~ 55 Hz, TOTAL AMPLITUDE 1.5 mm AT 2h, IN 3 DIRECTIONS				①NO ELECTRICAL DISCONTINUITY OF 1μs. ②CONTACT RESISTANCE : 50mΩ MAX			0	-					
SHOCK			490m/s ² DIRECTION OF PULSE 11ms AT 3 TIMES IN 3 DIRECTIONS.				③NO DAMAGE,CRACK AND LOOSENESS OF PARTS			0	-					
ENVIRONMENTAL CHARACTERISTICS																
DAMP HEAT(STEADY STATE)			EXPOSED AT 40±2℃, 90~95 %, 96Hr.				①CONTACT RESISTANCE: 50 mΩ MAX.			0	-					
RAPID CHAGE OF TEMPERATURE			TEMPERATURE : -40±2 → 15~35 → +85±2 → 15~35 °C TIME : 30 → 2~3 → 30 → 2~3 min. UNDER 5 CYCLES.				②INSULATION RESISTANCE: 100 MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			0	-					
DAMP HEAT, CYCLE			TEMPERATURE -10→+65 HUMIDITY : 90~95% 10 CYCLE(240Hr)							0	-					
DRY HEAT			EXPOSED AT 85±2℃, 96Hr				①CONTACT RESISTANCE : 50mΩ MAX			0	-					
COLD			EXPOSED AT -40±2℃, 96Hr				②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			0	-					
CORROSION SALT SPRAY			EXPOSED AT 35±2℃, 5±1% SALT WATER SPRAY FOR 48Hr				①CONTACT RESISTANCE 50mΩ MAX ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			0	-					
HYDROGEN SULPHIDE			EXPOSED IN 3 PPM FOR 96Hr. (TEST STANDARD : JEIDA-38)				③NO EVIDENCE OF CORROSISON WHICH AFFECTS TO OPERATION OF CONNECTOR.			0	-					
RESISTANCE TO SOLDERING HEAT			REFLOW SOLDERING: PEAK TMP. : 260℃ MAX. 10s MIN. REFLOW TMP. : 217℃ FOR 90~120s				①NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS. ②NO DAMAGE OF ELECTRICAL PERFORMANCE			0	-					
SOLDER ABILITY			SOLDER DIPPING TEMPERATURE 245±5℃ (TEST STANDARD : MIL-STD-202)				WETTING BALANCE TEST : 2s MAX. DIP & LOOK TEST : 95% MIN. A NEW UNIFORM COATING OF SOLDER			0	-					
(Note 1) WHEN THE SAME VALUE OF CURRENT ARE APPLID TO ALL CONTACTS AT THE SAME TIME IN ONCE, SET THE CURRENT TO THE 70% OF THE RATED CURRENT VALUE.																
REMARKS CONDITIONS FOR TESTING					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED							
					D.H CHO	D.H CHO	D.H CHO	H.C SONG								
					17.04.10	17.04.10	17.04.10	17.04.10								
UNLESS OTHERWISE SPECIFIED, REFER TO JIS C 5402.																
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST O: APPLICABLE TEST																
HIROSE KOREA CO.,LTD.				SPECIFICATION SHEET			PART NO. TF06L-**S-0.5SH(800)									
CODE NO.(OLD)			DRAWING NO.			CODE NO.			CL ****-****-800							
CL			ELC4-632316-80						1 1							