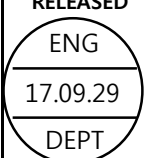


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△						△					
△						△					
<b>APPLICABLE STANDARD</b>											
RATING	OPERATING TEMPERATURE RANGE		-55°C ~ +85°C			STORAGE TEMPERATURE RANGE		-10°C ~ +50°C(Packed Condition)			
	VOLTAGE		30V [AC(rms) / DC]			OPERATING OR STORAGE HUMIDITY RANGE		Relative Humidity 90% MAX(NOT DEWED)			
	CURRENT		0.4A [AC(rms) / DC]			APPLICABLE CABLE		FPC (t=0.2±0.03mm)			
<b>SPECIFICATIONS</b>											
ITEM			TEST METHOD			REQUIREMENTS			QT	AT	
<b>CONSTRUCTION</b>											
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT				ACCORDING TO DRAWING			○	○	
MARKING		CONFIRMED VISUALLY							○	○	
<b>ELECTRICAL CHARACTERISTICS</b>											
CONTACT RESISTANCE		MATE APPLICABLE FPC/FFC AND APPLY A CURRENT OF 1mA DC(OR 1,000Hz)				100mΩ MAX. INCLUDING FPC/FFC BULK RESISTANCE(L=8mm)			○	○	
INSULATION RESISTANCE		MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF DC 100V				500MΩ MIN.			○	○	
VOLTAGE PROOF		MATE APPLICABLE FPC/FFC AND APPLY A VOLTAGE OF AC 150V FOR 1 min.				NO FLASHOVER OR BREAKDOWN.			○	○	
<b>MECHANICAL CHARACTERISTICS</b>											
FPC RETENSION FORCE		MEASURE BY APPLICABLE FPC/FFC(t=0.2) AT INITIAL CONDITION				①HORIZONTAL DIRECTION : 0.25N X n MIN. ②VERTICAL DIRECTION : 0.25N X n MIN. (n : NUMBER OF CONTACTS)			○	-	
MECHANICAL OPERATION		20 TIMES INSERTIONS AND EXTRATIONS				①CONTACT RESISTANCE : 100mΩ MAX ②NO DAMAGE, CRACK AND LOOSENESS OF PARTS			○	-	
VIBRATION		FREQUENCY 10 ~ 55 Hz, TOTAL AMPLITUDE 1.5 mm AT 2h, IN 3 DIRECTIONS				①NO ELECTRICAL DISCONTINUITY OF 1μs. ②CONTACT RESISTANCE : 100mΩ MAX			○	-	
SHOCK		981m/s <sup>2</sup> DIRECTION OF PULSE 6ms AT 3 TIMES IN 3 DIRECTIONS.				③NO DAMAGE, CRACK AND LOOSENESS OF PARTS			○	-	
<b>ENVIRONMENTAL CHARACTERISTICS</b>											
DAMP HEAT(STEADY STATE)		EXPOSED AT 40°C, 90~95 %, 96Hr.				①CONTACT RESISTANCE : 100mΩ MAX.			○	-	
RAPID CHAGE OF TEMPERATURE		TEMPERATURE : -55 → 15~35 → +85 → 15~35 °C TIME : 30 → 2~3 → 30 → 2~3 min. UNDER 5 CYCLES.				②INSULATION RESISTANCE : 100MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	-	
DAMP HEAT, CYCLE		TEMPERATURE -10~+65 HUMIDITY : 90~95% 10 CYCLE(240Hr)				①CONTACT RESISTANCE : 100mΩ MAX. ②INSULATION RESISTANCE : 100MΩ MIN. ③NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	-	
DRY HEAT		EXPOSED AT 85°C, 96Hr				①CONTACT RESISTANCE : 100mΩ MAX			○	-	
COLD		EXPOSED AT -55°C, 96Hr				②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	-	
CORROSION SALT SPRAY		EXPOSED AT 35°C, 5 % SALT WATER SPRAY FOR 48Hr				①CONTACT RESISTANCE : 100mΩ MAX ②NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			○	-	
HYDROGEN SULPHIDE		EXPOSED IN 3 PPM FOR 96Hr. (TEST STANDARD : JEIDA-38)				③NO EVIDENCE OF CORROSION WHICH AFFECTS TO OPERATION OF CONNECTOR.			○	-	
RESISTANCE TO SOLDERING HEAT		REFLOW SOLDERING: PROFILE : 230°C 60s, 250°C MAX.				①NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS. ②NO DAMAGE OF ELECTRICAL PERFORMANCE			○	-	
SOLDER ABILITY		SOLDERED AT SOLDER TEMPERATURE, 245±3°C FOR IMMERSION DURATION, 3±0.3 SEC				A NEW UNIFORM COATING OF SLODER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING EMMERSED.			○	-	
<b>REMARKS</b>					<b>CONDITIONS FOR TESTING</b>		<b>DRAWN</b>	<b>DESIGNED</b>	<b>CHECKED</b>	<b>APPROVED</b>	<b>RELEASED</b>
							M.H.LEE 17.09.29	M.H.LEE 17.09.29	CHO.D.H 17.09.29	SONG.H.C 17.09.29	
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. TF42-**S-0.35SH(800)			
CODE NO.(OLD)			DRAWING NO. SLC4-632416-80			CODE NO. CL ****_****_*					1 1