



D١	WG, NO,	C□-1977-F REV, *-*					PART NO. DRH	HP-12715A SERIES
	LIFE TEST	SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD THEN PLACE EACH OF THE P.C. BOARD ONTO THE PUSH-ON/PULL-OFF MACHINE, THEN DO MATING/UNMATING 5000 CYCLES ALONG THE AXIS AT SPEED OF 100mm PER MIN.	RESISTANCE VALUE AFTER TEST RI≤ RI± 20m OHM APPEARANCE SHALL NOT BE CRACKING AND PIN LOOSENS. NO PEELING OFF THE PLATING, DEFORMATION OF THE		4	HUMIDITY	SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD, THEN MATE THEM TOGETHER, AND EXPOSE THEM TO THE FOLLOWING ENVIRONMENTAL CONDITION. TEMPERATURE: 50± 2°C	RESISTANCE VALUE AFTER TEST R' = TWICE OF RI. APPEARANCE SHALL NOT BE DISTINCT DAMAGE. THE INSULATION
5 AF	PPEARANCE	VISUAL	BASE OR DAMAGE.			(STEADY STATE)	RELATIVE HUMIDITY: 90 % - 95 % DURATION: 96 HOURS	RESISTANCE AND DIELECTRIC STRENGTH
5. MOUNTING CHARACTERISTICS							IT SHALL BE SUBJECTED TO STANDARD ATMOSPHERIC	MUST COINCIDE
17	ITEM/STANDARD	TEST CONDITIONS	SPECIFICATION				CONDITION FOR 1 HOUR AFTER WHICH MEASUREMENTS SHALL BE MADE.	PREVIOUSLY SPECIFICATION.
1 5	SOLDER ABILITY	IMMERSE THE SOLDER PIN OF THE CONNECTOR IN THE SOLDER BATH AT 230°C ± 5°C FOR 5± 0.5 SECONDS. AFTER DIPPED THE PIN IN THE FLUX OF RAM OR R TYPE FOR 5 SECONDS.	MORE THAN 95 % OF THE DIPPED SURFACE SHALL BE WET WITH SOLDER		5	DRY HEAT	THE CONNECTOR HOUSING SHALL BE STORE AT TEMPERATURE OF 85± 2°C FOR 96 HOURS, THEN IT SHALL BE SUBJECTED TO STANDARD ATMOSPHERIC CONDITION FOR 1 H. AFTER WHICH MEASUREMENTS SHALL BE MADE. SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD THEN MATE THEM TOGETHER, THEN EACH TERMINAL SHALL BE CONNECTED IN SERIES AND THEN DC 100 mA BE CARRIED. PLACE THE MATED CONNECTOR FIRMLY ON THE SHOCK MACHINE AND APPLY THE FOLLOWING CONDITION TO BE	RESISTANCE VALUE AFTER TEST R' = TWICE OF RI. APPEARANCE SHALL NOT BE DISTINCT DAMAGE. RESISTANCE VALUE AFTER TEST R' = TWICE OF RI. APPEARANCE SHALL NOT BE DISTINCT DAMAGE.
	ESISTANCE TO OLDERING HEA	PLACE THE CONNECTOR ON THE P.C. BOARD, THEN IMMERSE THE SOLDER PIN UP TO THE SURFACE OF THE BOARD IN THE SOLDER BATH AT 260°C ± 5°C FOR 10 SECONDS.	WITHOUT DEFORMATION OF CASE OR EXCESSIVE LOOSENS. ELECTRICAL CASEACTERISTICS		5	DRY HEAT		
3 1	HOT AIR REFLOW OR IR REFLOW FOR SMD CURING PROCESS	PLACE THE CONNECTOR ON THE P.C. BOARD AND EXPOSE THEM TO THE REFLOW OVEN AND APPLY THE FOLLOWING CONDITION. ROOM 1: PREHEAT TEMPERATURE 150°C -170°C FOR 60 SECS. ROOM 2: PREHEAT TEMPERATURE 170°C -190°C FOR 60 SECS. ROOM 3: REFLOW TEMPERATURE 200°C -240°C -200°C FOR -30-40 SEC. (FOR 240°C ONLY 3-5 SECONDS)	SHALL BE SATISFIED. APPEARANCE SHALL NOT BE DISTINCT DAMAGE. MORE THAN 95 % OF THE MOUNTING PIN SURFACE SHALL BE WET SOLDER		6	SHOOK		
6. EN	DURANCE					SHOCK	IESIED.	NO ELECTRICAL DISCONTINUITY GREATER
П	TEM/STANDARD	TEST CONDITIONS	SPECIFICATION	1			PEAK ACCELERATION: 50G MAX. DURING OF THE PLUS: 11m SECOND.	THAN 1 u SEC SHALL OCCUR RESISTANCE VALUE AFTER TEST RI = TWICE OF RI.
		EACH TERMINAL SHALL BE CONNECTED IN SERIES AND THEN 100MA DC SHALL BE CARRIED. SOLDER EACH OF PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD, THEN MATE THEM TOGETHER. PLACE THE MATED CONNECTOR FIRMLY	1. NO ELECTRICAL DISCONTINUITY GREATER THAN 1 u SEC. SHALL OCCUR. 2. LOOSEN AND				WAVE: HALF SINUSOIDAL NUMBER OF DROPS: 18 TIMES DIRECTION: ALONG 3 MUTUALLY PERPENDICULAR DIRECTION.	
1	VIBRATION TEST	ON THE VIBRATOR AND APPLY THE FOLLOWING CONDITION SHALL BE DONE FREQUENCY: 10Hz-55Hz-10Hz/MIN. DIRECTION: ALONG THREE MUTUALLY PERPENDICULAR DIRECTION SWEEP TIME: 2 HOURS ALONG EACH DIRECTION, A TOTAL 6 HOURS AMPLITUDE: 1.52mm	BREAKAGE OF THE PLASTIC PART AND OTHER DETRIMENTAL DAMAGE SHALL NOT BE OBSERVED. 3. THE CONTACT RESISTANCE RT = 2 RI. RESISTANCE VALUE AFTER TEST RT = Rt ± 20m OHM APPEARANCE SHALL NOT BE CRACKING AND PIN LOOSENS.		7	COLD	SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD, THEN MATE THEM TOGETHER, AND EXPOSE THEM TO THE FOLLOWING ENVIRONMENTAL CONDITION. TEMPERATURE: -25°C 2°C	
2	THERMAL SHOCK	SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD, THEN MATE THEM TOGETHER, AND EXPOSE THEM TO THE FOLLOWING ENVIRONMENTAL CONDITION. TEMPERATURE: -55°C ± 3°C(30 min), STANDARD ATMOSPHERIC CONDITION(10-15 MIN) TO 85°C±2°C (30 MIN.), STANDARD ATMOSPHERIC CONDITION(10-15 MIN) TO 85°C±2°C (30 MIN.)					DURATION: 48± 1 HOUR IT SHALL BE SUBJECTED TO STANDARD ATMOSPHERIC CONDITION FOR 1 HOUR AFTER WHICH MEASUREMENTS SHALL BE MADE.	APPEARANCE SHALL NOT BE DISTINCT DAMAGE.
		NUMBER OF EXPOSURE: 5 CYCLES IT SHALL BE SUBJECTED TO STANDARD ATMOSPHERIC CONDITION FOR 1 TO 2H,AFTER WHICH MEASUREMENTS SHALL BE MADE.				PRI	JECTION Research Develop Innovate	
3	SALT WATER SPRAY	SOLDER EACH OF THE PLUG AND RECEPTACLE CONNECTOR TO THE P.C. BOARD, THEN MATE THEM TOGETHER AND EXPOSE THEM TO THE FOLLOWING ENVIRONMENTAL CONDITION. TEMPERATURE: 35°C ± 2°C DENSITY OF SALT WATER: 5± 1 % DURATION: 4 HR ± 15 MIN. IT SHALL BE SUBJECTED TO STANDARD ATMOSPHERIC CONDITION 1 H. AFTER REMOVING THE SALT DEPOSITS.	BY VISUAL INSPECTION WITHOUT NOTICEABLE RUST. RESISTANCE VALUE AFTER TEST Rf= Ri ± 20m OHM			SCAL	RDI, Inc. 400 Columb	us Avenue Valhalla, NY 10595
						DEC.	PT AS NOTED LUCIA 07/05/04 P/N; DRHP-12 NILLIMETERS CK. PRE- DRAWING NO NONE JOEY CO + 1977	715A SERIES 3 0F 3
CNT	+ DATE	SVM DEVISION DECORD		ALIT		ANG		ATION CONTAINED IN IT IS PRO- LDER AGREES NOT TO USE THE THIRD PARTY, NOR REPRODUCE I OF ROI, AND AGREES TO
ECN#	# DATE	SYM REVISION RECORD		AUT	Н	BY HIVE	NONE RETURN THIS DOCUMENT FORTHWITH UPON REQUE	ST.