

6120 Hanging Moss Road, Orlando, Florida, 32807 (407) 678-6900, FAX (407) 671-0664

Customer:	Planar Monolithics Industries, Inc.			
Purchase Order #:	PET0900431	Job No.:	281594	
Order Quantity:	4(2+2)	Mfg. P/N	N/A	
Customer P/N:	T0737SOCN730049-001	Generic P/N	N/A	
Specification	Customer's PO & MIL-STD-202G			
Part Type:	Microcircuit			
Prepared By:	Michael Dombrowski	Date Prepared:_	9/17/09	
Reviewed By:	CERTIFICATE OF C	2000 Pate Reviewed:	9-17-0°	<u> </u>
	he referenced item was subjected to a testing prog I test plan. This plan specifies the test sequence, o			
	ement does not infer or imply that the test method nse Supply Center Columbus, (DSCC). A current			
Mfr.:Planar Monolith	nics Industries. Date Code: 0936	Accept:	4* Reject	t: 0
	rmed no PASS/FAIL inspection on Moist ar Monolithics Industries, Inc.	ture Resistance Ur	nits. Final results	must be

SEE ATTACHED DOCUMENTATION

C of C 1/1/03

Approved By:

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TASK	CONDITIONS	Date Completed	Operator Stamp
INCOMING INSPECTION	Visual check for shipping damage Verify packing slip information		
	Quantity Part # Date Serial # Code	Sholor	STM 20-17
	4 T0737SOCN730049-001 0936 Test Unit 1-4		
MOISTURE RESISTANCE	Documentation: MIL-STD-202G, Method 106g Customer P.O. Conditions: Perform Initial Conditioning: No Perform Initial Measurements: No Step 7 applicable: No Number of Cycles: 10 Cycle Duration: 24 hours each (Per Figure 106-1) RETURN PARTS IN MOISTURE BARRIER BAG! DEVICES MUST BE ELECTRICALLY TESTED AT PLANAR MONOLITHICS INDUSTRIES, INC. WITHIN 48 HOURS OF REMOVAL FROM CHAMBER! Details: Operational: NA Failure criteria: End point measurements to be performed by Plannar Monolithics Industries. Operator's Notes: Only Test serial numbers labeled "TEST UNIT 1 and TEST UNIT 2" The units under test were subjected to the above conditions for the conditional period of time. After completion of testing it was noted that a large portion of the leads on one unit had rusted as well as the tip of one of the pins on the other unit under test. Sypris Test & Measurement did not perform an electrical test of the parts and final compliance is to be determined by Plannar Monolithics Industries, Inc. Date In: 9/18/01 Date Out: 10.334 p.m. Time In: 9/28/01 Time Out: 10.334 p.m. Oty in: 2 Oty Out: 2	9/28/09	STM 20-17 LECH

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TASK	CONDITIONS	Date Completed	Operator Stamp

		Completed	Stamp	
RESISTANCE TO SOLVENTS	Documentation: Customer P.O. & MIL-STD-202G Method 215K			
	Conditions: A) 1/4 Isopropyl Alcohol 3/4 Mineral spirits at +25°C (±5°C)			
	C) A terpene based solvent (BIOACT EC7)			
	D) 42 parts by volume deionized water 1 part by volume propylene glycolmonomethyl ether 1 part by volume monoethanolamine.			
	Solvents A, and C are at +25°C ± 5°C Solvent D is between +63 and +70°C.			
	Procedure: 1. Expose units to first chemical solution. 2. Examine units for failures 3. Expose units to second chemical solution. 4. Examine units for failures			
	5. Expose units to third chemical solution.6. Examine units for failures.			
	Details: Failure criteria: Evidence of cracking, crazing, discoloration, bleeding of foreign matter, and pitting. All markings should be legiable.			
	Operator's Notes:			
	Only Test serial numbers labeled "TEST UNIT 3 and TEST UNIT 4"			
	Evaluation & Results:			
	Testing was performed on one unit serial number labeled "TEST UNIT 3 and TEST UNIT 4"by following the application of the percribed test conditions stated above.		CTRA	
	All units tested were found to have Passed Testing.	9/24/09	20-07 TECH	

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PHOTOS OF HUMIDITY TESTING

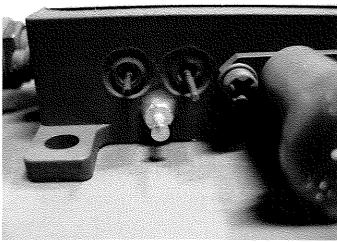
Before





After





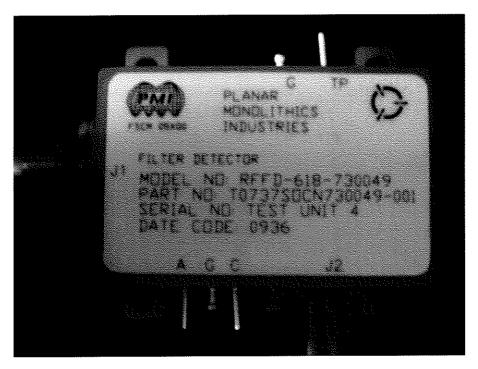
Chamber Setup



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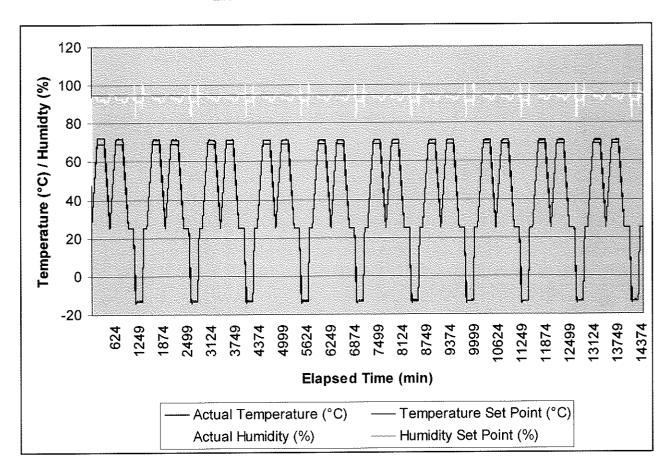
PHOTOS OF RESISTANCE TO SOLVENT TESTING





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HUMIDITY CHAMBER DATA PLOT



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USAGE LOG	All Equipment Statio	n Logs Completed.				
	Manufacturer	Model # / Function	Asset #	Cal. Due	, .	STM: 20-17 TECH
	Thermotron	SM-8 / Temp/Humidity Chamber	83-6249	8/19/10	9/28/09	115000
		····				

PACK	Use original container or equivalent One copy of test plan.	9/28/09	STM 20-17 TECH
SHIP TO:	PLANAR MONOLITHICS INDUSTRIES, INC. 7311-F GROVE ROAD, PMI FREDERICK, MD 21704		
	*MUST RETURN ON A WEEKDAY TO AVOID MISSING 48 HR. TESTING WINDOW.		
SHIP VIA:	UPS BLUE		