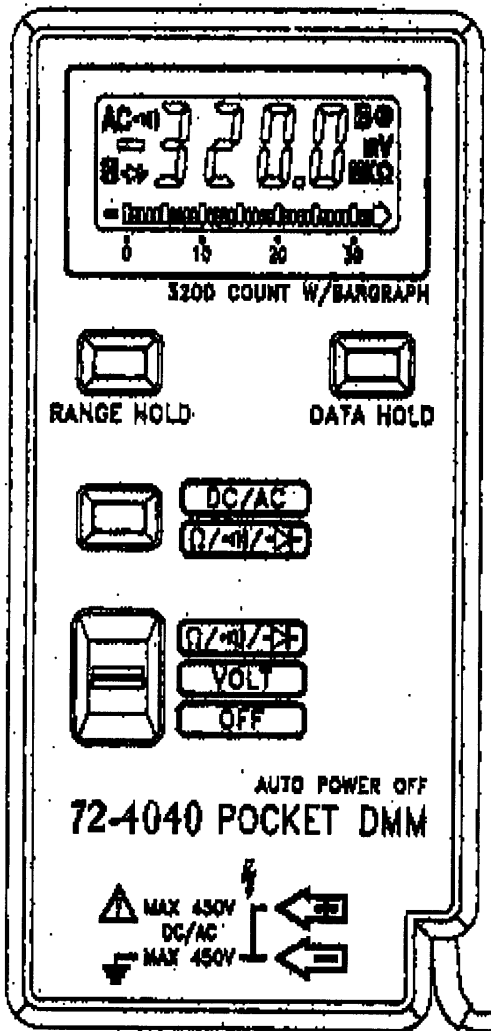


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REVISIONS			DDC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		NOT Released	JWM	3/11/98				



NOTES:

1. Dimensions: 4 3/8[111.5](H) x 2 13/64[56](W) x 7/16[10.5](D)
2. Weight: 3oz[86g]
3. See Page 2 for Specifications

SPC-F004.DWG

DISCLAIMER:  
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.



<i>Unless Otherwise Specified: Dimensions are shown for reference only!</i>	DRAWN BY:	DATE:	DRAWING TITLE:			
	Jeff McVicker	3/11/98	Pocket Digital Multimeter			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
			A	72-4040	66F1961.dwg	
	APPROVED BY:	DATE:	SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 2	

# SPECIFICATIONS

**Display:** 3 1/2 digit liquid crystal display LCD with a maximum reading of 3200

**Polarity:** Automatic, (-) negative polarity indication

**Overrange:** "OL" mark indication

**Low Battery Indication:** The "B" is displayed when the battery voltage drops below the operating level

**Measurement Rate:** 2 times per second, nominal

**Auto Power Off:** Meter automatically shuts down after approximately 10 minutes of inactivity

**Operating Environment:** 0°C~40°C {32°F~144°F} at <70% relative humidity

**Storage Temperature:** -20°C~60°C {-4°F~140°F} at <80% relative humidity

Power: Two 1.5V button-type batteries IEC #LR-44, NEDA #1166A)

**Power Consumption:** 5mW typical

**Dimensions:** 111.5mm(H) x 56mm(W) x 10.5mm(D)  
4 3/8(H) x 2 13/64(W) x 7/16(D)

**Weight:** Approximately 3.0 oz. {86g.} including batteries and case

## DC Voltage

**Range:** 320mV, 3.2V, 32V, 320V, 450V

**Resolution:** 100µV, 1mV, 10mV, 100mV, 1V

**Accuracy:** ±(2.0% rdg + 2 digits), ±(1.0% rdg + 2 digits),

**Input Impedance:** >1000Mohm, 11Mohm

**Maximum Input:** 450VDC or 450VAC RMS

## AC Voltage

**Range:** 3.2V, 32V, 320V, 450V

**Resolution:** 1mV, 10mV, 100mV, 1V

**Accuracy:** @50Hz~60Hz: ±(4.0% rdg + 5 digits)

**Input Impedance:** 11Mohm, 10Mohm

**Maximum Input:** 450VDC or 450VAC RMS

## Ohm

**Range:** 320 ohm, 3.2Kohm, 32Kohm, 320Kohm, 3.2Mohm, 32Mohm

**Resolution:** 100Mohm, 1ohm, 10ohm, 100ohm, 1Kohm, 10Kohm

**Accuracy:** ±(2.0% rdg + 4 digits), ±(2.0% rdg + 2 digits),  
±(6.0% rdg + 2 digits), ±(10% rdg + 5 digits)

**Test Current:** <0.7mA, <0.13mA, 13µA, < 1.3µA, <0.13µA

**Input Protection:** 450VDC or 450VAC RMS

## Diode Test

**Range:** 3.2V

**Resolution:** 1mV

**Accuracy:** ±(10% rdg + 2 digits)

**Input Impedance:** 0.6mA (Vf = 0.6V)

**Maximum Input:** 450V DC or AC RMS

## Continuity Check

**Range:** 32 ohm

**Resolution:** 100Mohm

**Audible Indication:** <Approximately 20 ohm

**Test Current:** <0.7mA

**Input Protection:** 450V DC or AC RMS

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-4040	66F1961.dwg	A
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 2 OF 2