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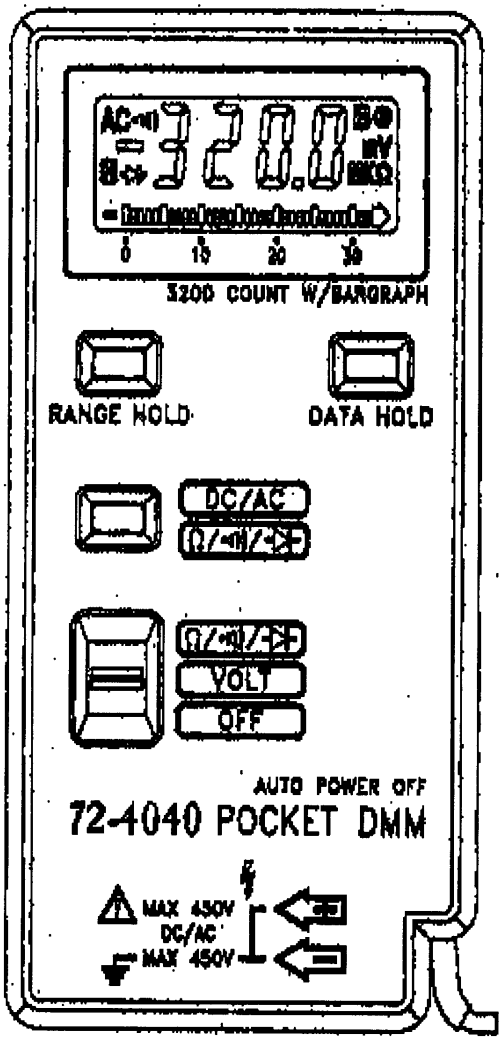
REVISIONS			DOC. NO. SPC-F004 • Effective: 12/21/98 • DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		NOT Released	JWM	3/11/98				



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

TENMA®

Unless Otherwise Specified: Dimensions are shown for reference only!	DRAWN BY: Jeff McVicker	DATE: 3/11/98
	CHECKED BY:	DATE:
	APPROVED BY:	DATE:

DRAWING TITLE: Pocket Digital Multimeter

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-4040	66F1961.dwg	

SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 2

DOC. NO. SPC-F004, Total Pages: 2
Effective: 7/15/97. ECP No: 229 Supersedes ECP No: 103

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°~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: ImV
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

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A	72−4040	66F1961.dwg	A
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SPC−F004.DWG