MILCOTS™

RPR-MAT-A RUGGED Printer

Rugged Solution For Most Demanding Environments

Rugged Design

Army

Special Forces and Ground Deployment

Armored Vehicles

Navy

All Harsh Environment Applications Requiring Total Protection

Characteristics

Rip and Run:	Fitted with an internal paper roll the unit provides an easy to use rip and run facility for demanding on-the-go environment
Lightweight:	Weighing 20lbs the RPR-MAT-A Printer is suitable for mounting in vehicles as well as deployment in out-of-barracks environment
DEF STAN:	Housed in a rugged casing the RPR-MAT-A-Printer is designed to withstand sand, dust and water ingress
Rugged:	The unique custom made aluminum enclosure provides the robustness required to withstand shock, vibrations and adverse temperatures
Versatile:	The PRP-MAT-A Printer has been designed with ability to print on either A size or Fanfold paper through top or bottom loading

MILCOTS • 360 Route 59 • Airmont • NY 10952 • Tel: 1 845 357 6700 • Fax: 845 369 0531
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RPR-MAT-A RUGGED Printer

COTS Equipment:	OKI ML280
Technology:	Dox Matrix
Case Material:	Aluminum Alloy
Standard	
Dimensions:	6.3” (H) x 14.7” (W) x 15” (D)
Weight:	20 lbs
Performance:	Up to 300 Characters per second
Resolution:	144 x 144 dpi
Memory:	2 KB as standard
Paper Handling:	Internal - Telex Roll External - Fanfold/Single sheet (top or bottom feed)
Compatibility:	Microsoft Windows 95, 98 & NT4
Emulations:	Epson FX, OKI Microline, IBM Graphics / Proprinter
Interface:	DC Power (AC option)
Power Supply:	18-36 V DC
Color:	Infra-Red Reflective Matt Green
Life:	Head Life - 200 mio characters
MTBF:	10,000 power on hours
MTTR:	<30 minutes
Temperature:	MIL-STD-810
Operating:	-10°C to +40°C
Non Operating:	-40°C to +70°C

Humidity:	MIL-STD-810, 90% to 95% RH
Shock Operating:	MIL-STD-810, Test M11, 15g 11 ms hald sine
Drop & Topple:	MIL-STD-810, 50mm onto steel faced concrete
Sand & Dust:	MIL-STD-810, Test D1, 1.4g/m
Vibration:	MIL-STD-810
Operating:	Random 20-50 Hz, 0.02gn²/Hz
Non Operating:	5-350 Hz ± 6mm (or 2gn peak)
Drip Proof:	MIL-STD-810
Roll:	MIL-STD-810
Air Transportation:	Designed to withstand drop in absolute ambient air pressure: 810 mbar-570 mbar in 5 minutes 810 mbar-185 mbar in 1 minute Designed to withstand absolute ambient air press of: 750 mbar for 12 hours 570 mbar for 6 hours 185 mbar for 10 minutes Designed to withstand increase in absolute ambient air pressure: 570 mbar-650 mbar in 30 seconds then to 1013 mbar in a further 1 minute

Note: Qualification performed according to MIL-STD-810 or equivalent international standard.





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