

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

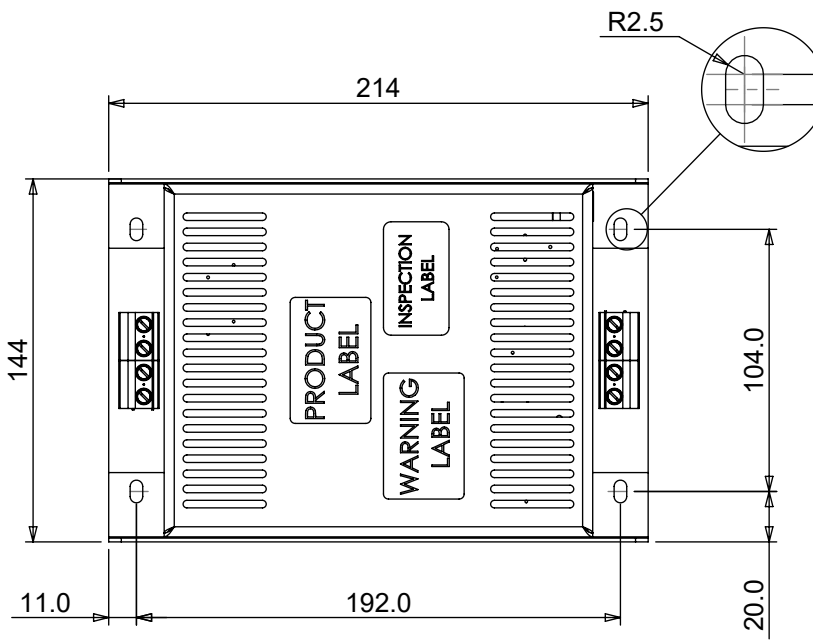
Expert team | Trust guarantee | 100% satisfaction

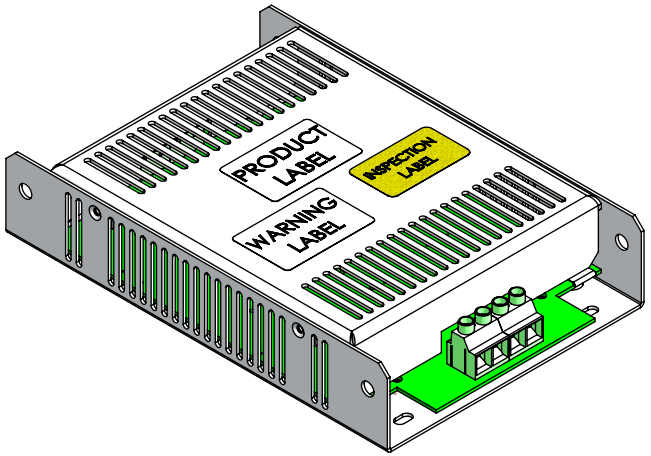
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

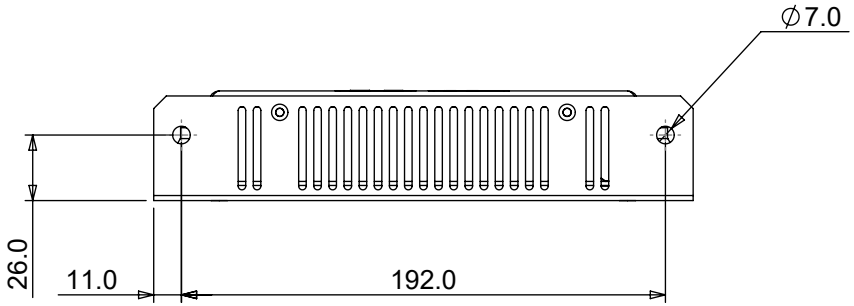
Find the *Roxburgh EMC MIF10* at our website: ***Click HERE***

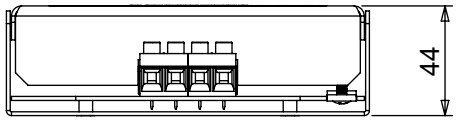
MIF10	
AKA	n/a
Device	rfi filter
Current	10A (9.5A UL) 40°C
Earthing	screw 0.25-4mm² 0.5Nm strip 8mm
Enclosure	aluminium 1.5mm
Loss	1.35W/ph
Leakage	45mA operating
Mass	0.72kg
Mounting	M4 1.5Nm / M6 4.5Nm
PCB	FR4 AVLV2 VW-1 600V 105°C IIIa
Potting	air
Power	2.4kW
Protection	IP20
Resistance	13.5mR/ph
Residual	1V 5s
SCCR	5kA when fused
Style	terminal filter
Terminal	screw 0.25-4mm² 0.5Nm strip 8mm
Varistor	275V 6.5kA (500Vdc)
Supply	1P 240V 50/60Hz
Voltage	254V max
Withstand	2100Vdc 60s
Altitude	2000m w/out derating
Bonding	25A 50/60Hz
Class	class I
Environment	-25/+85/21
Flammability	UL94 V-2 min
Humidity	93% RH non-condensing
Insulation	500Vdc ≥3.5MR
Material	group IIIb
MTBF	22yrs (MIL-HDBK-217F)
Overload	135% 2hrs 150% 60s
Overvoltage	category II
Packaging	ASTM D7386
Pollution	degree II
Shock	15g 11mS
Spacing	≥50mm from ventilated surfaces
Vibration	5-55Hz 350um 55-500Hz 2G
EU	CE EN60939
US	uR UL1283
CAN	cUR CSA22.2
OTHER	n/a

DETAIL A









DELTRON Components | DELTRON Enclosures | ROXBURGH EMC | bes | DEM | Alpha3 manufacturing

+44(0)1724 273200 | www.dem-uk.com

PROPRIETARY AND CONFIDENTIAL:

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **ALPHA 3 MANUFACTURING**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **ALPHA 3 MANUFACTURING** IS PROHIBITED.

DEM Manufacturing is a division of Alpha 3 Manufacturing LTD

DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
LINEAR & RADIAL TOLERANCE:
NO DECIMAL PLACES ±0.5mm
1 DECIMAL PLACE ±0.25mm
2 DECIMAL PLACES ±0.125mm
ANGULAR TOLERANCE: ±1°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!

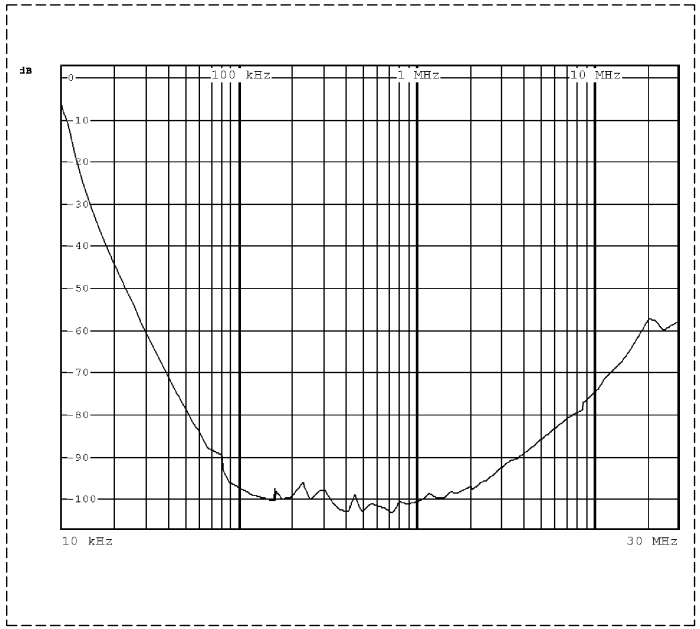
FINISH: -
MATERIAL: -

THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION

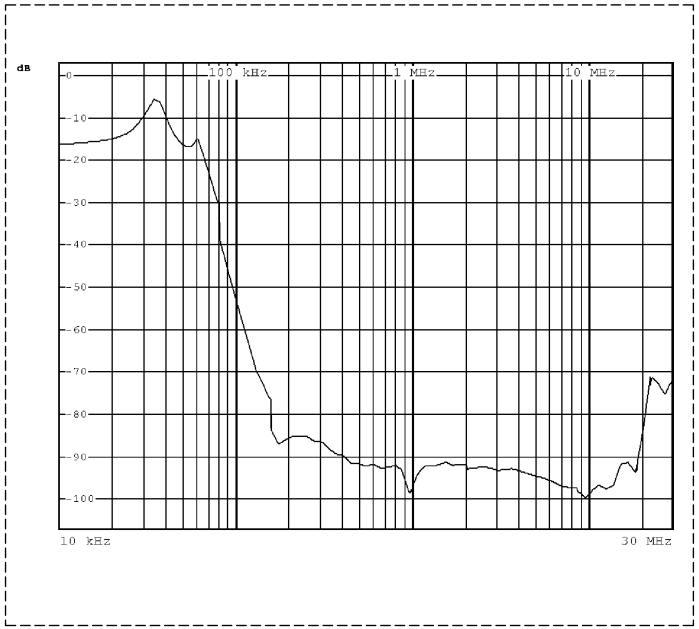
THIRD ANGLE PROJECTION

AUTHOR	Simon Williams
EDITOR	SW
APPROVER	SW
SHEET 1 OF 2	
SCALE 1:5	A4

TITLE	SPECIFICATION
FILE	MIF10
PART	MIF10
ISSUE/REV.	006
EDIT DATE	26/09/2019
	RELEASED
RELEASE DATE	01/10/2019



A1: 50/50Ω ASYMMETRICAL (COMMON)



A2: 50/50Ω SYMMETRICAL (DIFFERENTIAL)

DELTRON Components
DELTRON Enclosures
ROXBURGH EMC
b|e|s
DEM
Alpha3 manufacturing

+44(0)1724 273200 | www.dem-uk.com

PROPRIETARY AND CONFIDENTIAL:

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **ALPHA 3 MANUFACTURING**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **ALPHA 3 MANUFACTURING** IS PROHIBITED.

DEM Manufacturing is a division of Alpha 3 Manufacturing LTD

DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
LINEAR & RADIAL TOLERANCE:
NO DECIMAL PLACES ±0.5mm
1 DECIMAL PLACE ±0.25mm
2 DECIMAL PLACES ±0.125mm
ANGULAR TOLERANCE: ±1°

IF IN DOUBT ASK! DO NOT SCALE DRAWING!

FINISH: -
MATERIAL: -

THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION

AUTHOR	Simon Williams
EDITOR	SW
APPROVER	SW
THIRD ANGLE PROJECTION	
SHEET 2 OF 2	
SCALE 1:1	A4

TITLE	SPECIFICATION
FILE	MIF10
PART	MIF10
ISSUE/REV.	006
EDIT DATE	26/09/2019
	RELEASED
RELEASE DATE	01/10/2019

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP