

4

3

2

1

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LOC

DIST

REVISIONS

E

B

P

LTR

DESCRIPTION

DATE

DWN

APVD

B

ECR-07-011927

16/05/07

AM

FWK

NOTES:

1. ELECTRICAL DATA:

CONTACT RESISTANCE: 10 mOhm MAX

INSULATION RESISTANCE: 100 MOhm MIN at 500VDC

CURRENT RATING: 5 AMPS

BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE

2. ENVIRONMENTAL:

OPERATING TEMPERATURE: -25°C TO +90°C

SEALING REQUIREMENTS: IP67

3. PROD SPEC:

108-3641

4. PACKAGING:

107-3334

5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE

6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM

DESCRIPTION

MATERIAL

FINISH/COLOUR

QTY

1

SCREW NUT

ZINC DIE CAST

2.5µm NICKEL PLATED

1

2

CONNECTOR BODY

POLYURETHANE

BLACK

1

3

SOCKET CONTACT

BRASS

0.15µm GOLD OVER NICKEL

8

4

8 CORE CABLE (CORES 0.25mm²/24AWG)

PU JACKET HAL FREE

BLACK

1

5

'O' RING

VITON 70

GREEN

1

PIN ASSIGNMENTS

FRONT VIEW

1

2

3

4

5

6

7

8

8

GREY

7

PURPLE

6

BLUE

5

GREEN

4

YELLOW

3

ORANGE

2

RED

1

BROWN

PIN

WIRE COLOUR

1

2

3

5

43.3

4

ø14.5

ø6.0

'A'±'B'

10000

500 mm

M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE

1838344-5

7000

350 mm

M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE

1838344-4

5000

250 mm

M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE

1838344-3

3000

150 mm

M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE

1838344-2

2000

100 mm

M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE

1838344-1

DIM A

TOL 'B'

DESCRIPTION

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

MATERIAL

-

DWN

MANJUNATH.T.N

03APR06

CHK

F.WHEELER-KING

07AUG06

APVD

F.WHEELER-KING

07AUG06

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

tyco

Electronics

Tyco Electronics Corporation

Bideford, UK, EX39 4HE

NAME

M12 STRAIGHT FEMALE CONNECTOR WITHOUT STRAIN RELIEF 8 POSITION, PU CABLE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1838344

-

CUSTOMER DRAWING

SCALE

NTS

SHEET

1

OF

1

REV

B

AMP 1470-19 REV 31MAR2000