

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

MARCH ,2006.

© COPYRIGHT 2006

BY TYCO ELECTRONICS CORPORATION.

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

E

B

B

ECR-07-011908

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: -20°C TO +80°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

PIN ASSIGNMENTS

FRONT VIEW

1

2

3

4

5

6

7

8

8

7

6

5

4

3

2

1

PIN

WIRE COLOUR

8

GREY

7

PURPLE

6

BLUE

5

GREEN

4

YELLOW

3

ORANGE

2

RED

1

BROWN

1

2

3

5

tyco

4

43.3

ø14.5

A'±B'

ø5.5

10000

500 mm

M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE

1838343-5

7000

350 mm

M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE

1838343-4

5000

250 mm

M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE

1838343-3

3000

150 mm

M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE

1838343-2

2000

100 mm

M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE

1838343-1

DIM A

TOL 'B'

DESCRIPTION

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0

PLC

± -

1

PLC

± -

2

PLC

± -

3

PLC

± -

4

PLC

± -

ANGLES

± -

FINISH

± -

DWN

MANJUNATH.T.N

10APR06

CHK

F.WHEELER-KING

04MAY06

APVD

F.WHEELER-KING

04MAY06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

tyco

Electronics

Tyco Electronics Corporation

Bideford, UK, EX39 4HE

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1838343

-

SCALE

NTS

SHEET

1

OF

1

REV

B

AMP 1470-19 REV 31MAR2000