

4

3

2

1

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LOC

DIST

REVISIONS

E

B

P

LTR

DESCRIPTION

DATE

DWN

APVD

B

ECR-07-012168

22/05/07

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

ITEM

DESCRIPTION

MATERIAL

FINISH/COLOUR

QTY

1

SCREW NUT

ZINC DIE CAST

2.5µm NICKEL PLATED

1

2

CONNECTOR BODY

GF NYLON

BLACK

1

3

SOCKET CONTACT

BRASS

0.15µm GOLD OVER NICKEL

8

4

8 CORE CABLE (CORES 24AWG TO UL2464)

PVC JACKET UV RESISTANT

BLACK

1

5

'O' RING

VITON 70

GREEN

1

6

SHIELD

BRASS

-

1

7

SHIELDING FOIL

COPPER

-

1

8

ADHESIVE

-

-

1

PIN ASSIGNMENTS

FRONT VIEW

1

2

3

4

5

6

7

8

8

GREEN

7

YELLOW

6

ORANGE

5

RED

4

BLUE

3

WHITE

2

BROWN

1

BLACK

PIN

WIRE COLOUR

2

1

5

6

7

8

3

39.1

Ø14.5

tyco

Ø5.5

4

'A'±'B'

10000

500 mm

M12 STRAIGHT FEMALE CONNECTOR 10.0m CABLE

1838355-5

7000

350 mm

M12 STRAIGHT FEMALE CONNECTOR 7.0m CABLE

1838355-4

5000

250 mm

M12 STRAIGHT FEMALE CONNECTOR 5.0m CABLE

1838355-3

3000

150 mm

M12 STRAIGHT FEMALE CONNECTOR 3.0m CABLE

1838355-2

2000

100 mm

M12 STRAIGHT FEMALE CONNECTOR 2.0m CABLE

1838355-1

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1838355

SCALE

NTS

SHEET

1

OF

1

REV

B

AMP 1470-19 REV 31MAR2000