

6

5

4

3

2

1

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	09/10/2024	DMAY	DGUTTADAURO

P1

PIN 1

PIN 8

2X RJ45 PLUG
CONNECTOR

LENGTH

LABEL
OPTIONALCABLE: PROFINET TYPE C
4x22 AWG/19TC-85%TC-PUR-GREEN
RAL6018

P2

PIN 8

PIN 1

.40
[10.2]1.15
[29.2].52
[13.3]

PART NUMBER	LENGTH	
	FEET	METERS
PNCR-RR-1M	3.28	1 ±.03
PNCR-RR-3M	10	3 ±.05

WIRING DIAGRAM

P1

Pin1 ——— YELLOW

Pin2 ——— ORANGE

Pin3 ——— WHITE

Pin6 ——— BLUE

SHIELD ———

P2

Pin1

Pin2

Pin3

Pin6

SHIELD

NOTES:

- ELECTRICAL TEST:
 - 100% OPEN SHORT MISWIRE TEST.
 - INSULATION RESISTANCE: 10M OHM MIN, 300V/DC.
 - CONDUCTOR RESISTANCE: 3 OHM MAX.
- DATA TRANSFER RATE: PASS THE PROFINET TEST.
- ALL MATERIAL MUST BE RoHS 2.0.
- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [0.5] ± 1/32
.XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

Show Me
CABLES
an INFINIT® brand

Website: www.ShowMeCables.com
Phone: 1.888.519.9505



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET

NONE 1 OF 2

DESCRIPTION
SHOWMECABLES RJ45 TO RJ45, PROFINET TYPE C CABLE,
GREEN, 22 AWG, PUR, SHIELDED

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	DMAY	PNCR-RR	A

6

5

4

3

2

1

6

5

4

3

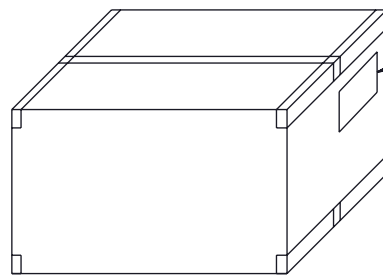
2

1

F

F

CARTON LABEL SKETCH MAP



ORDER PART NO. →
CUSTOMER PART NO. →
PRODUCT NAME →
DESCRIPTION →

PO NO. : *****
P/N : PNCR-RR-1M
Product Name:PROFINET CABLE ASSEMBLY
Product Descriptions: ShowMeCables RJ45 TO RJ45,
Profinet Type C Cable, Green, 22 AW PNCR-RR-1M

QTY:***PCS Date of Manufacture: YYMMDD
N.W. :***KG G.W. :***KG

RoHS

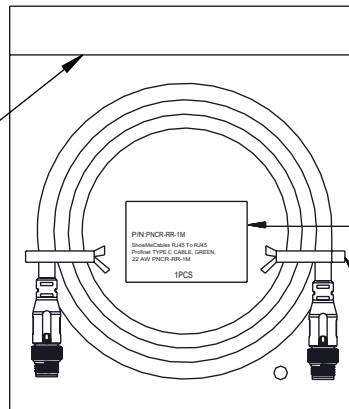
QC
PASSED2.36
[60]3.94
[100]

D

D

PACKAGING DIAGRAM

HEAT SEALING

1.57
[40]

P/N:PNCR-RR-1M
ShowMeCables RJ45 To RJ45,
Profinet TYPE C CABLE, GREEN,
22 AW PNCR-RR-1M
1PCS

CUSTOMER PART NO.

DESCRIPTION

2.36
[60]

CABLE TIE

B

B

A

A

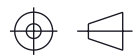
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/ON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

Show Me
CABLES

an INFINIT® brand

Website: www.ShowMeCables.com
Phone: 1.888.519.9505

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE

NONE

SHEET

2 OF 2

DESCRIPTION

SHOWMECABLES RJ45 TO RJ45, PROFINET TYPE C CABLE,
GREEN, 22 AWG, PUR, SHIELDED

SIZE
ACAGE CODE
3SVT8DRAWN BY
DMAY

ITEM NO.

PNCR-RR

REV
A

6

5

4

3

2

1