

6

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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-PVC-GREEN
RAL6018

P2

PIN 8

PIN 1

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

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

WIRING DIAGRAM

P1

Pin1 ——— YELLOW
Pin2 ——— ORANGE
Pin3 ——— WHITE
Pin6 ——— BLUE

P2

Pin1 ———
Pin2 ———
Pin3 ———
Pin6 ———
SHIELD ——— 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.

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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

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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, PVC, SHIELDED

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

6

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2

1

6

5

4

3

2

1

F

F

E

E

D

D

C

C

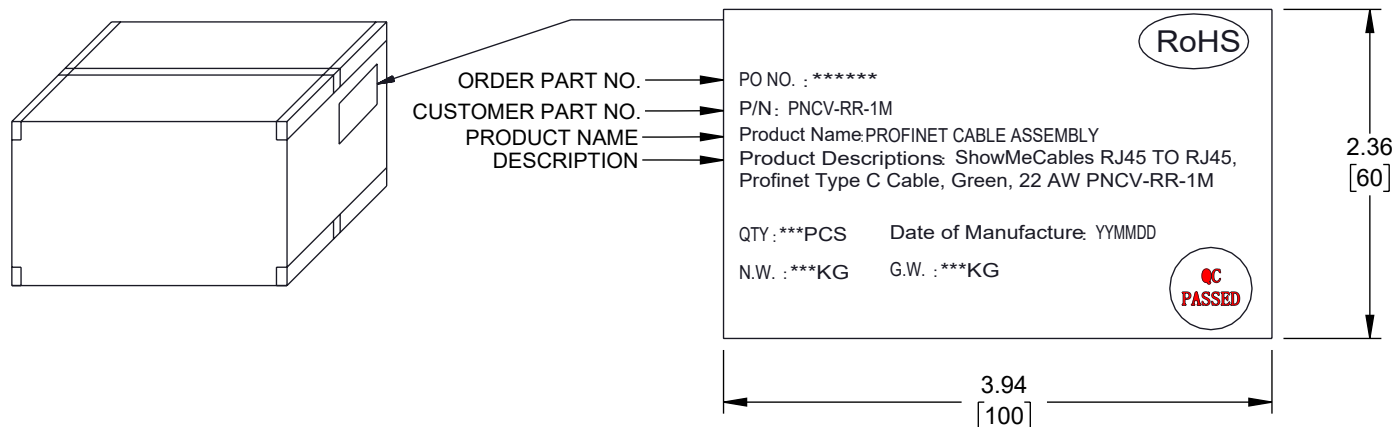
B

B

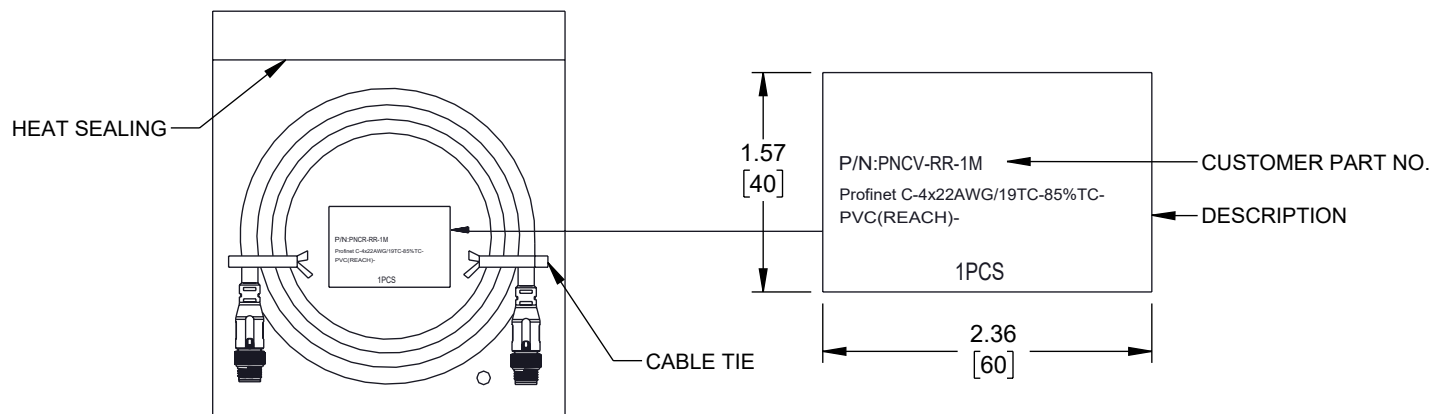
A

A

CARTON LABEL SKETCH MAP



PACKAGING DIAGRAM

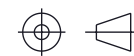


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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 2 OF 2

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

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

6

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