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## 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

P2

Pin1	YELLOW	Pin1
Pin2	ORANGE	Pin2
Pin3	WHITE	Pin3
Pin6	BLUE	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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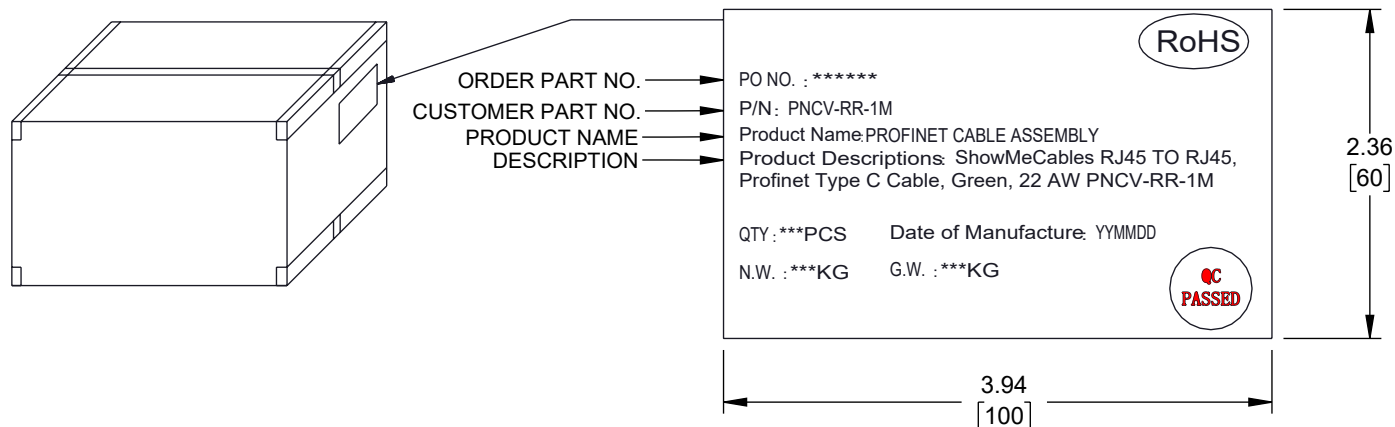
2

1

F

F

## CARTON LABEL SKETCH MAP



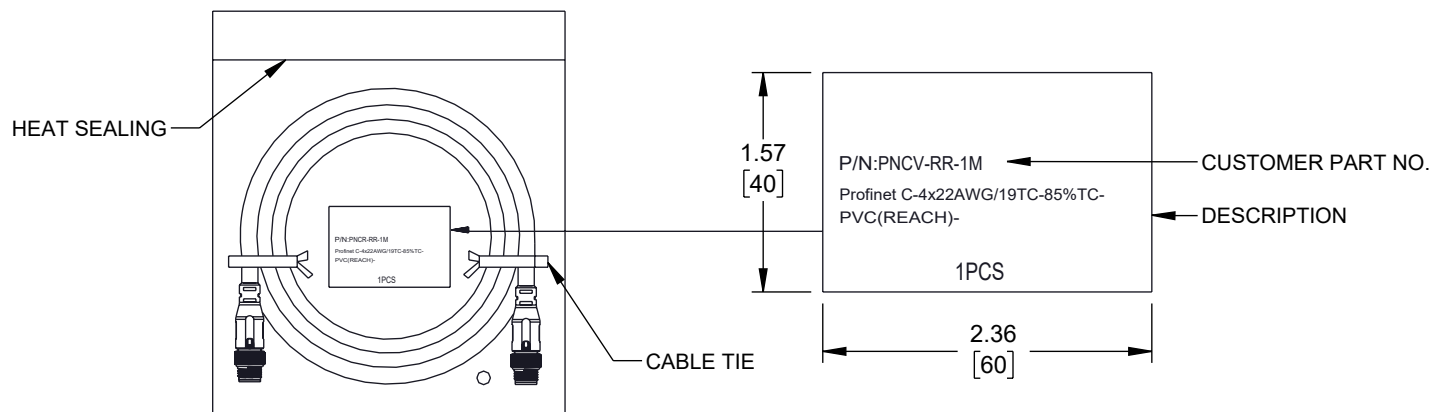
E

E

D

D

## PACKAGING DIAGRAM



C

C

B

B

A

A

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Website: <a href="http://www.ShowMeCables.com">www.ShowMeCables.com</a> Phone: 1.888.519.9505		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5		
DESCRIPTION		SCALE	SHEET	
SHOWMECABLES RJ45 TO RJ45, PROFINET TYPE C CABLE, GREEN, 22 AWG, PVC, SHIELDED		NONE	2 OF 2	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	DMAY	PNCV-RR	A

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