

TABLE 1.

ITEM 1. 19 CONDUCTOR

PIN NUMBER	WIRE COLOR
1	RED
2	YELLOW
3	BLUE
4	BROWN
5	GREEN
6	WHITE
7	BLACK
8, 28	PURPLE
9	ORANGE
10	CLEAR
11	GRAY
12	PINK
13	TAN
14	LIGHT GREEN *
15	LIGHT BLUE *
16	DARK ORANGE **
17	DARK BLUE **
25	DARK GREEN **
26	CLEAR
CHASSIS	SHIELD
* OPTIONAL WHITE BAND FOR CLARITY	
** OPTIONAL BLACK BAND FOR CLARITY	

ITEM 2. 12 CONDUCTOR

PIN NUMBER	WIRE COLOR
18	BLACK
19	BLACK / WHITE
20	BROWN
21	BROWN / WHITE
22	RED
23	RED / WHITE
24	ORANGE
27	ORANGE / WHITE
29	YELLOW
30	YELLOW / WHITE
31	GREEN
32	GREEN / WHITE
CHASSIS	SHIELD

TABLE 2: COMPONENT 1 LENGTH

"XX"	A (INCHES)
02	24.0
04	48.0
06	72.0
08	96.0
10	120.0
12	144.0
14	168.0
15	180.0
16	192.0
18	216.0
20	240.0
22	264.0
24	288.0
26	312.0
28	336.0
30	360.0

DETAIL A
SCALE 1 : 1

PIN 17

PIN 13

PIN 29

PIN 1

PIN 32

PIN 4

PIN 20

PIN 16

XX +/- 2.0 INCHES
(SEE TABLE 2)

2

1

BLUNT CUT

(1.22)

REV

DATE

DESCRIPTION OF CHANGE

ENG

C

12/10/19

ADDED LENGTH OF 15' TO TABLE

TC

NOTES:

1. CABLES: ITEM 1:26 AWG, 19 CONDUCTOR,OD: 0.270 NOMINAL. POLYURETHANE INSULATION. OUTER SHIELD 38 AWG, TIN PLATED COPPER BRAID, 90% COVERAGE.

2. ITEM 2: 12 CONDUCTOR 26 AWG 0.235 NOMINAL DIAMETER POLYURETHANE INSULATION.

3. OVERMOLD MATERIAL: 90A POLYETHER-TYPE THERMOPLASTIC POLYURETHANE (TPU).

4. JACKET: BLACK MATTE FINISH.

5. E33,E34 IS CHASSIS GROUND

6. SOLDERING IAW IPC-J-STD-001 CLASS II AS APPLICABLE.

7. CABLE ASSEMBLIES TO BE 100% TESTED FOR CONTINUITY, SHORTS AND INSULATION RESISTANCE (250V @100MOHM MINIMUM)

8. IDENTIFICATION: BAG AND INDENTIFY ON PACKAGING THE FOLLOWING INFORMATION FOR EACH PART DELIVERED. UOS PART MARKING ON THE WIRE IS PROHIBITED:
PN: TE-32C2-R-XX REV X (REV MARKING PER PO)
CAGE CODE: 1HJX9
DATE OF MFGR: MM/YY

9. WIRING FUNCTION: SEE TABLE 1 AND DRAWING SN0072.

10. REFERENCE SUPPLYNET FILE NUMBER SN0117.

11. MANUFACTURE AND INSPECT IAW IPC/WHMA A-620 CLASS 2.

BILL OF MATERIALS

ITEM NO.	PART NUMBER	QTY	NAME	COMMENTS
1	51234	74"	WIRE	19C CABLE
2	51245	74"	WIRE	12C CABLE
3	TE-32C-ASSY	1	CONNECTOR ASSEMBLY	INCLUDES HOUSING, FASTENERS, PCB, THUMBWHEEL. PROVIDED BY SUPPLYNET
4	TBD	AR	SOLDER	

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN: INCHES

TOLERANCES: .XX: ± 0.03

.XXX: ± 0.005

ANGULAR: .X°: 1°

.XX°: 0.5°

BREAK EDGES: .005 - .020

FILLETS: .005 - .020

SUFACE FINISH:

GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009

MATERIAL: SEE DRAWING NOTES

FINISH: SEE DRAWING NOTES

DO NOT SCALE DRAWING

DRAWN

CHECKED

COMMENTS:

NAME

DATE

TC

12/10/19

RJB

04/02/16

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.

CAGE CODE: 1HJX9

PART NUMBER: SN0117

SupplyNet

706 EXECUTIVE BLVD.
SUITE B
VALLEY COTTAGE, NY 10989

TITLE:

PRC-152, DUAL WIRE DATA CABLE, ALL SIGNALS POPULATED

SIZE

DWG. NO.

REV

B

TE-32C2-R-XX

C

SCALE: NA

WEIGHT:

SHEET 1 OF 1