CN1	P1(J1)	WIRE COLOR
1	2	Brown
2	1	Black
3	4	Orange
4	3	Red
5	6	Green
6	5	Yellow
7	8	Violet
8	7	Blue
9	10	White
10	9	Gray
11	12	Brown
12	11	Black
13	14	Orange
14	13	Red
15	16	Green
16	15	Yellow
17	18	Violet
18	17	Blue

CN1

4.00"

2.50"

NOTCHED TO 18 POSITIONS

P1

TO FFC/FPC HEADER

REINFORCING STRIP

SMT header

0.3 ± 0.05 mm

Exposed Traces (Au over Ni)
0.5 mm pitch, 18 conductor

FPC ADAPTER SECTION

24.00" +/- 0.50"

1

UNTERMINATED DISCRETE WIRES
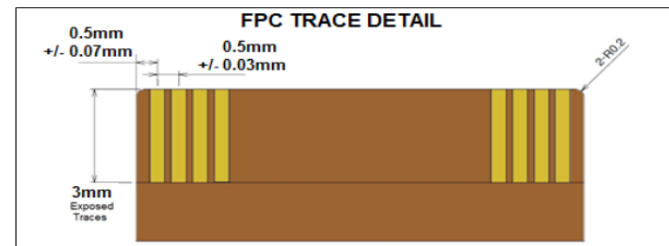
J1

UL1571 28(7) AWG

DISCRETE WIRE CABLE SECTION
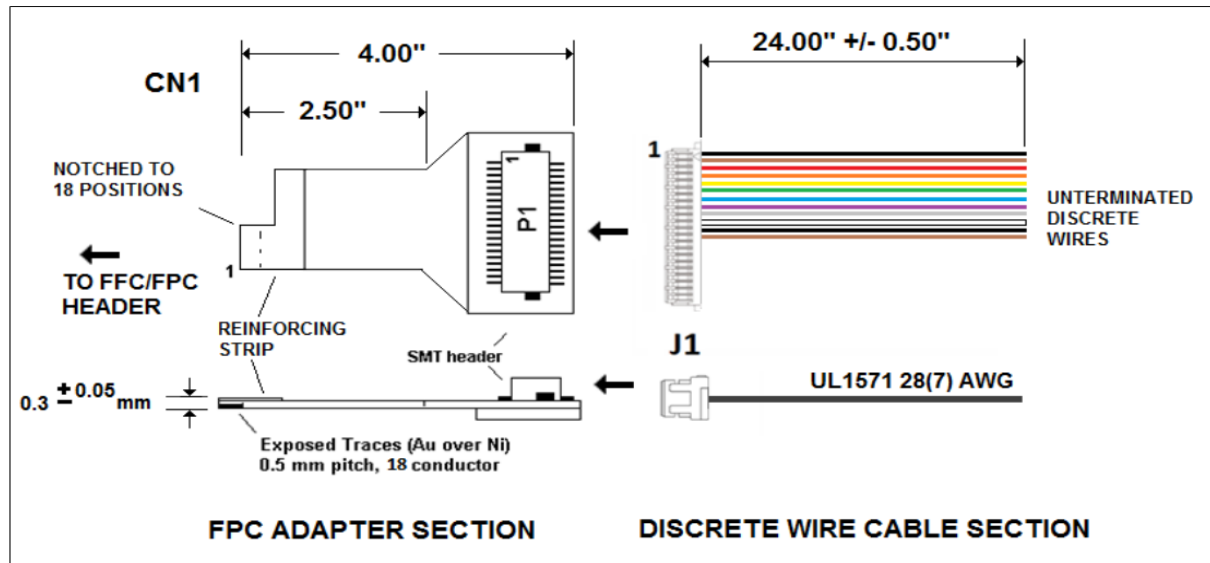
ASSEMBLY INSTRUCTIONS:
1) NOTCH DOWN QD5747
2) CUT DOWN UNUSED WIRES AT J1 CONNECTOR ON FLYING LEAD

CONVERTS FROM 0.50MM PITCH FFC/FPC INTERFACE TO DISCRETE WIRE

SEE NEXT PAGE FOR PICTURES AND ADDITIONAL INFORMATION

RoHS compliant

FPC TRACE DETAIL

0.5mm +/- 0.07mm

0.5mm +/- 0.03mm

2-R0.2

3mm Exposed Traces

REVISION HISTORY

REV		DATE	APPROVED
---	INITIAL RELEASE	6/27/06	GLR
---	DRAWING UPDATE, LENGTH INCREASE	9/2/15	PT
---	ASSEMBLY INSTRUCTIONS UPDATE	11/17/21	PT

Quadrangle Products Inc.

RT-700G-18-DIS CABLE KIT

FPC Adapter Part Number :
QD5747AD (33 Conductor Base)
(2-33 Conductors When Customized)

FPC Adapter Part Number :
QD5745AD (50 Conductor Base)
(2-50 Conductors When Customized)

0.50mm Pitch FPC to Round Wire Conversion Adapter

** *Example shown with UNDERLINE DISCRETE wires* **

** *Example shown using QD5747AD* **

40C Connector

50C Connector

Black	
Brown	
Red	
Orange	
Yellow	
Green	
Blue	
Violet	
Grey	
White	
(colors repeat)	
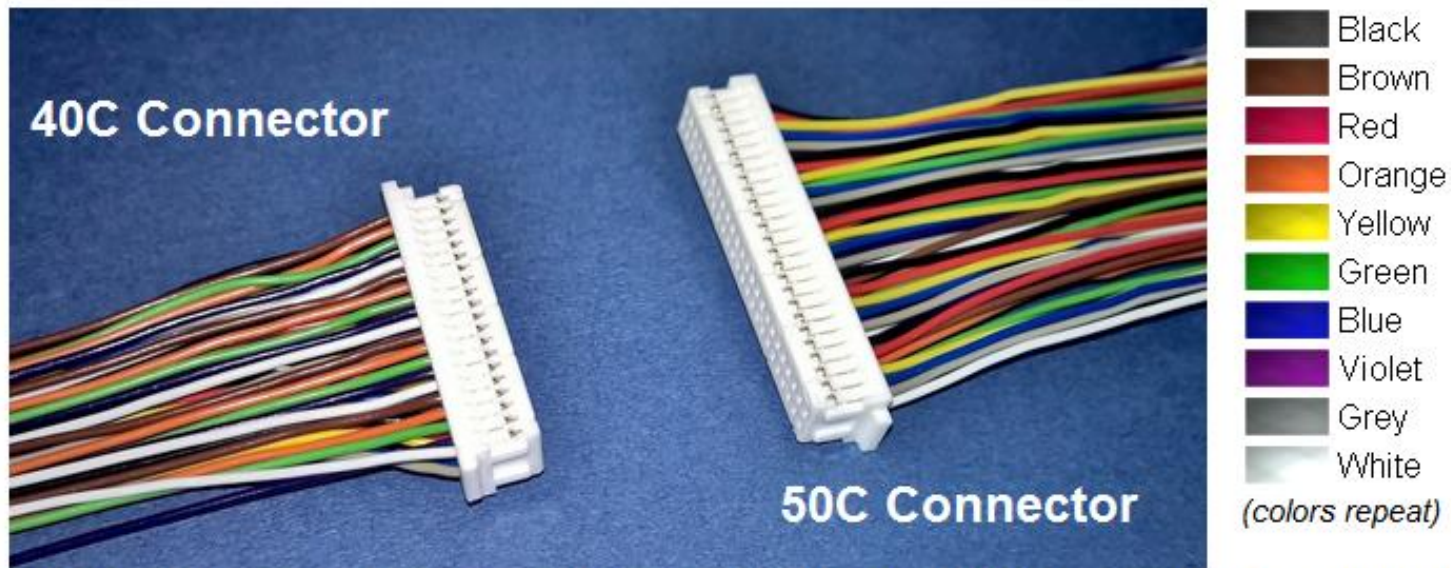
Discrete Wire Flying Lead Part Number (40C) : **QD6021** *(Used with QD5747AD)*
Discrete Wire Flying Lead Part Number (50C) : **QD6023** *(Used with QD5745AD)*

Additional Part Number Specifications Available Upon Request. Contact *engineering@quadrangleproducts.com*