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
19	20	White
20	19	Gray
21	22	Brown
22	21	Black
23	24	Orange
24	23	Red
25	26	Green
26	25	Yellow
27	28	Violet
28	27	Blue
29	30	White
30	29	Gray

CN1	P1(J1)	WIRE COLOR
31	32	Brown
32	31	Black
33	34	Orange
34	33	Red
35	36	Green
	35	Yellow

RoHS compliant

CN1

4.00"

2.50"

24.00" +/- 0.50"

NOTCHED TO 35 POSITIONS

LABEL

P1

1

TO FFC/FPC HEADER

1

UNTERMINATED DISCRETE WIRES

REINFORCING STRIP

SMT header

0.3 ± 0.05 mm

Exposed Traces (Au over Ni) 0.5 mm pitch, 35 conductor

J1

UL1571 28(7) AWG

FPC ADAPTER SECTION

DISCRETE WIRE CABLE SECTION

FPC TRACE DETAIL

0.5mm +/- 0.07mm

0.5mm +/- 0.03mm

2-R0.2

3mm Exposed Traces
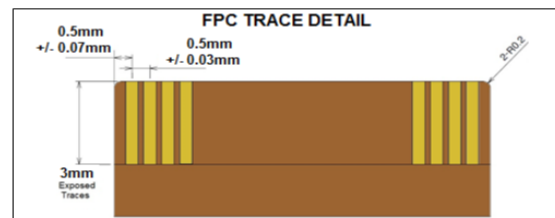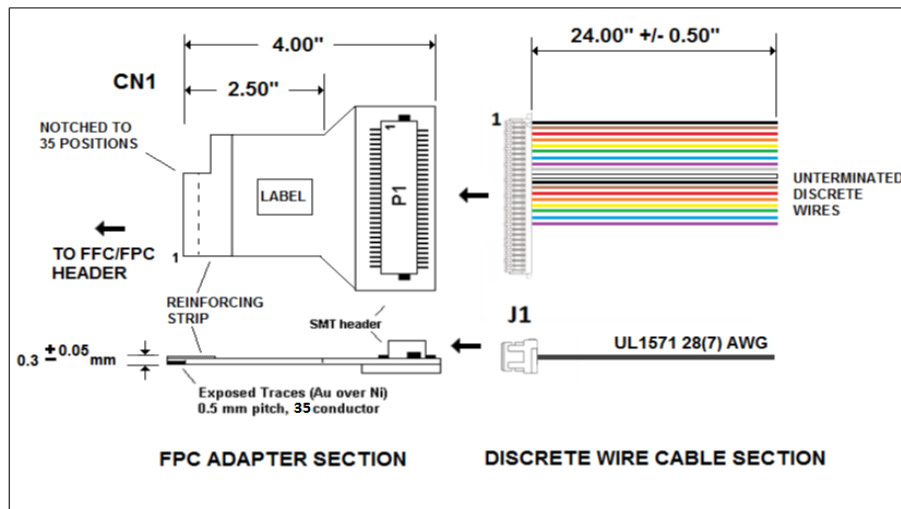
CONVERTS FROM 0.50MM PITCH FFC/FPC INTERFACE TO DISCRETE WIRE

SEE NEXT PAGE FOR PICTURES AND ADDITIONAL INFORMATION

DWG BY: PT	DATE: 9/4/15	DRAWINGS ARE NOT TO SCALE. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL TOLERANCES ARE +/- 0.50" UNLESS OTHERWISE SPECIFIED
CHK BY:	DATE:	
APPR: -	DATE: -	

REVISION HISTORY			
REV		DATE	APPROVED
---	INITIAL RELEASE	8/15/06	GLR
---	DRAWING UPDATE, LENGTH INCREASE	9/4/15	PT

Quadrangle Products Inc.

RT-700G-35-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 DISCRETE wires **

** Example shown using QD5747AD **

40C Connector

50C Connector

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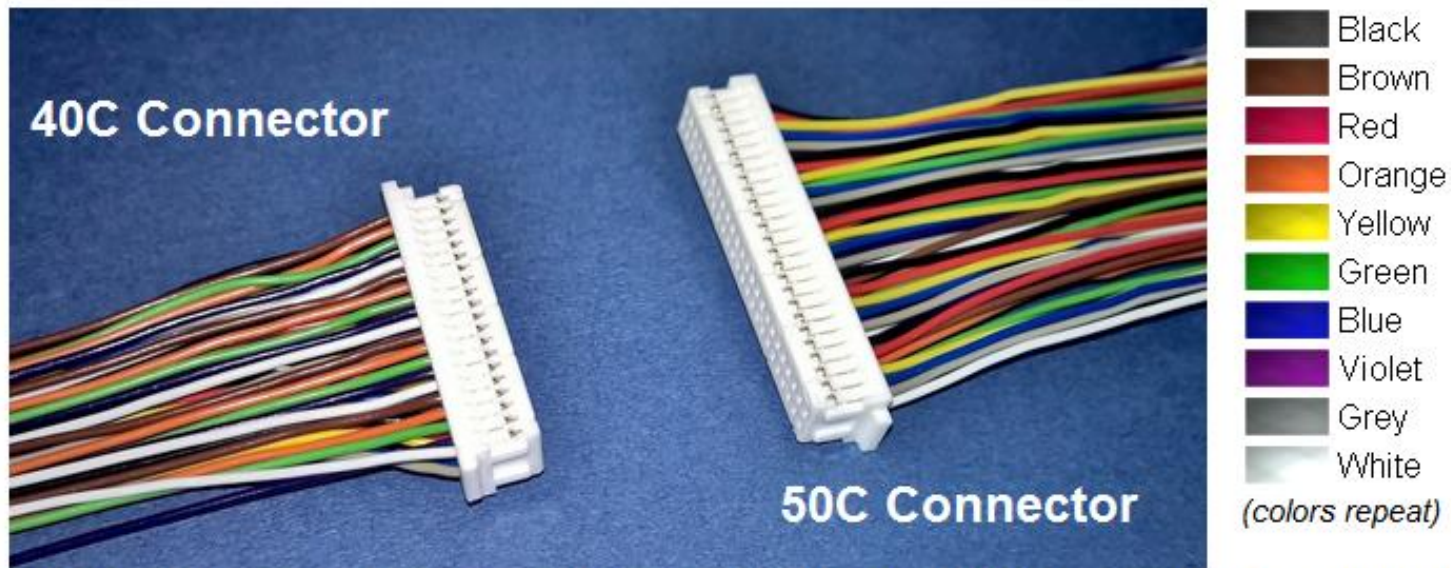
Discrete Wire Flying Lead Part Number (40C) : **QD6021** *(Used with QD5747AD)*
Discrete Wire Flying Lead Part Number (50C) : **QD6023** *(Used with QD5745AD)*

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