CN1	P1(J1)	WIRE COLOR
1	2	Gray
2	1	Stripe
3	4	Gray
4	3	Gray
5	6	Gray
6	5	Gray
7	8	Gray
8	7	Gray
9	10	Gray
10	9	Gray
11	12	Gray
12	11	Gray
13	14	Gray
14	13	Gray
15	16	Gray
16	15	Gray
17	18	Gray
18	17	Gray
19	20	Gray
20	19	Gray
21	22	Gray
22	21	Gray
23	24	Gray
24	23	Gray
25	26	Gray
26	25	Gray
27	28	Gray
28	27	Gray
29	30	Gray
30	29	Gray

CN1	P1(J1)	WIRE COLOR
31	32	Gray
32	31	Gray
33	34	Gray
34	33	Gray
35	36	Gray
36	35	Gray
37	38	Gray
38	37	Gray
39	40	Gray
40	39	Gray
41	42	Gray
42	41	Gray
43	44	Gray
44	43	Gray
45	46	Gray
46	45	Gray
47	48	Gray
48	47	Gray
49	50	Gray
50	49	Gray

RoHS compliant

CN1

TO FFC/FPC HEADER

P1

1

REINFORCING STRIP

SMT header

0.3 ± 0.05 mm

Exposed Traces (Au over Ni) 0.5 mm pitch, 50 conductor

FPC ADAPTER SECTION

4.00"

2.50"

24.00" +/- 0.50"

STRIPE

1

UNTERMINATED AWG 30(7) RIBBON WIRE

CONDUCTORS SEPARATED 2"

2"

J1

RIBBON WIRE CABLE SECTION

FPC TRACE DETAIL

0.5mm +/- 0.07mm

0.5mm +/- 0.03mm

2-R0.2

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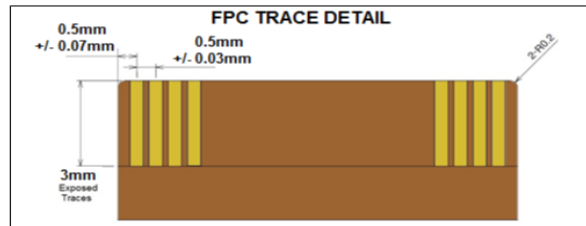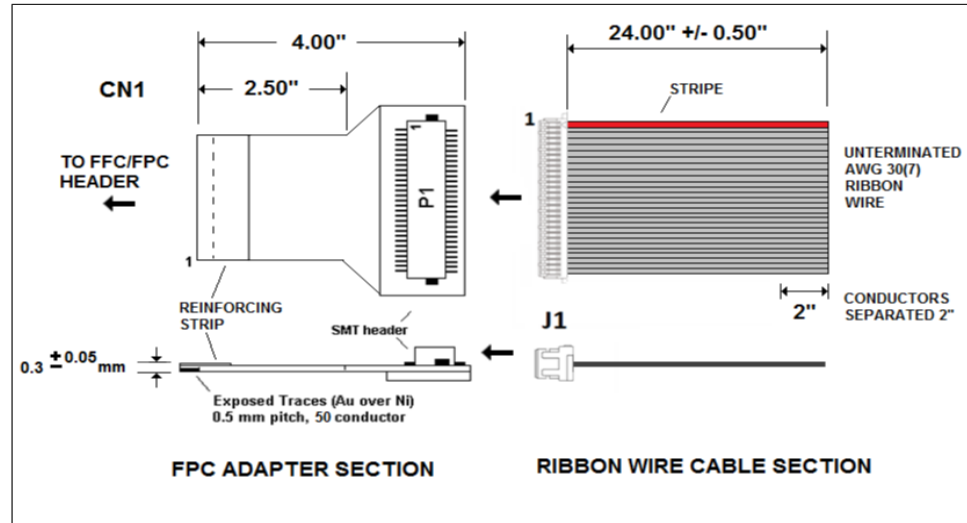
CONVERTS FROM 0.50MM PITCH FFC/FPC INTERFACE TO RIBBON WIRE

SEE NEXT PAGE FOR PICTURES AND ADDITIONAL INFORMATION

REVISION HISTORY

| REV		DATE	APPROVED
---	INITIAL RELEASE	6/27/06	GLR
---	DRAWING UPDATE, LENGTH INCREASE	9/2/15	PT
---	Label Removed	12/1/21	PT

Quadrangle Products Inc.

RT-700G-50-RIB 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 RIBBON wire ***

*** Example shown using QD5745AD ***

40C Connector

50C Connector
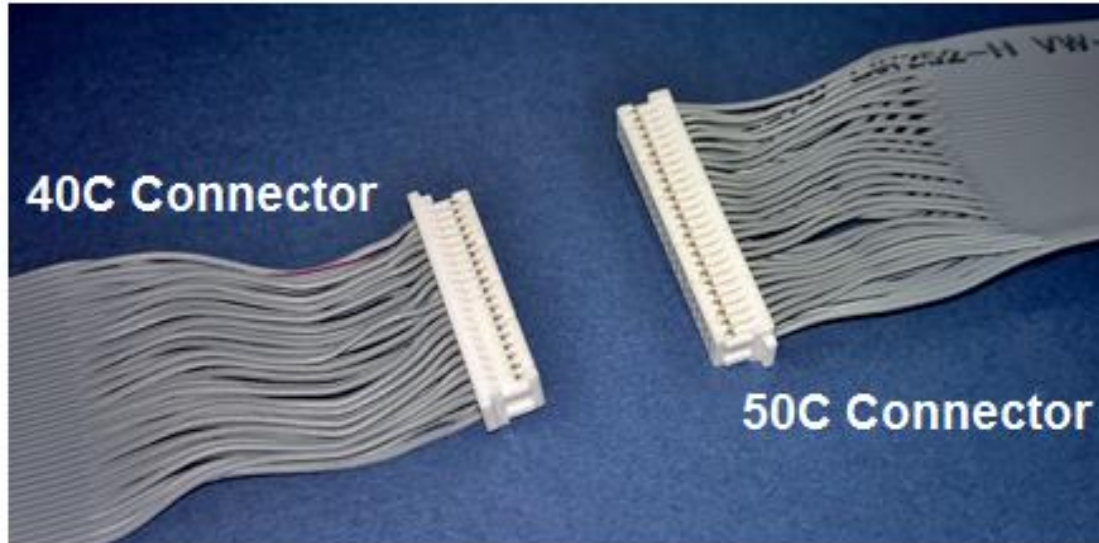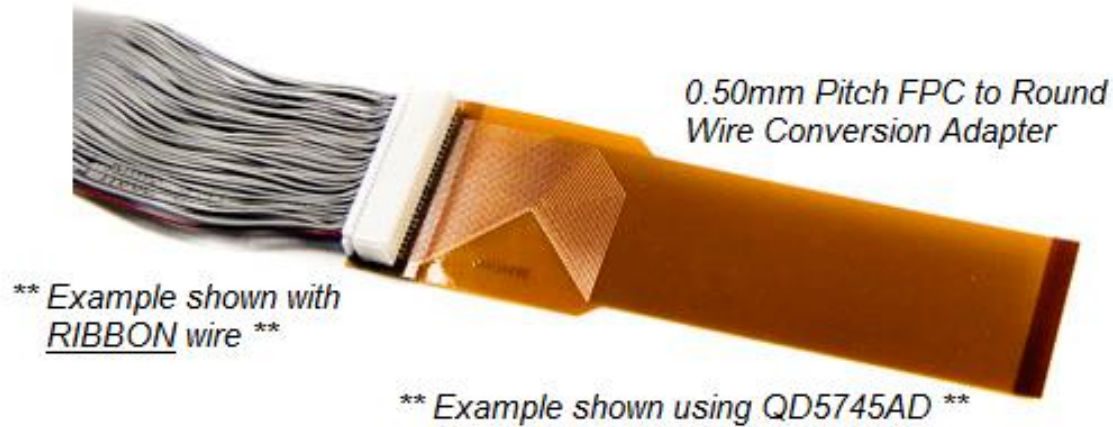
Ribbon Wire Flying Lead Part Number (40C) : **QD6020** *(Used with QD5747AD)*
Ribbon Wire Flying Lead Part Number (50C) : **QD6022** *(Used with QD5745AD)*

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