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
	33	Gray

CN1

TO FFC/FPC HEADER

4.00"

2.50"

P1

REINFORCING STRIP

SMT header

0.3 +/- 0.05 mm

Exposed Traces (Au over Ni)
0.5 mm pitch, 33 conductor

FPC ADAPTER SECTION

24.00" +/- 0.50"

STRIPE

1

UNTERMINATED AWG 30(7) RIBBON WIRE

J1

CONDUCTORS SEPARATED 2"

2"

RIBBON WIRE CABLE SECTION

FPC TRACE DETAIL

0.5mm +/- 0.07mm

0.5mm +/- 0.03mm

2 R0.2

3mm Exposed Traces

RoHS compliant
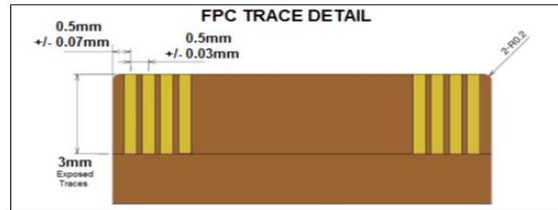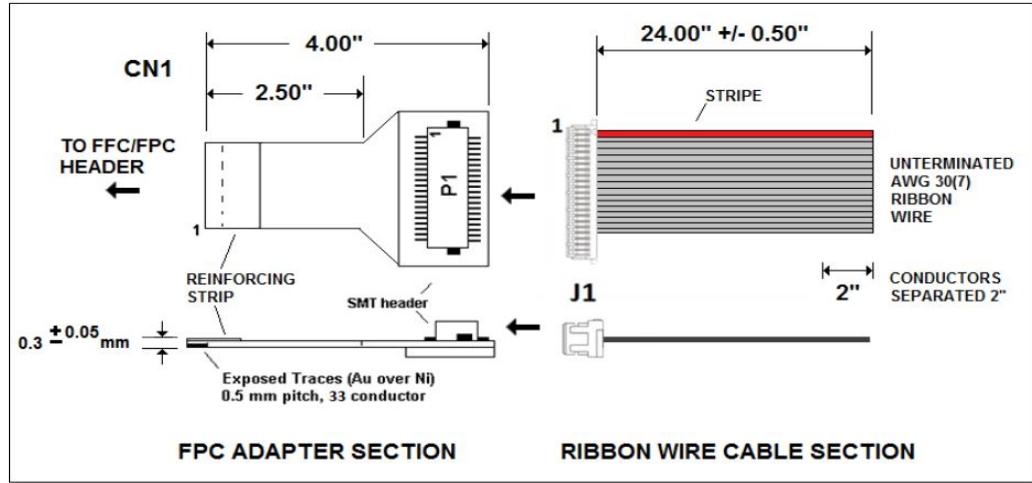
ASSEMBLY INSTRUCTIONS:
1) CUT DOWN UNUSED WIRES AT J1 CONNECTOR ON FLYING LEAD

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

SEE NEXT PAGE FOR PICTURES AND ADDITIONAL INFORMATION

DWG BY: PT	DATE: 9/2/15	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	6/27/06	GLR
---	DRAWING UPDATE, LENGTH INCREASE	9/2/15	PT
---	Assembly Instructions Update	12/1/21	PT

Quadrangle Products Inc.
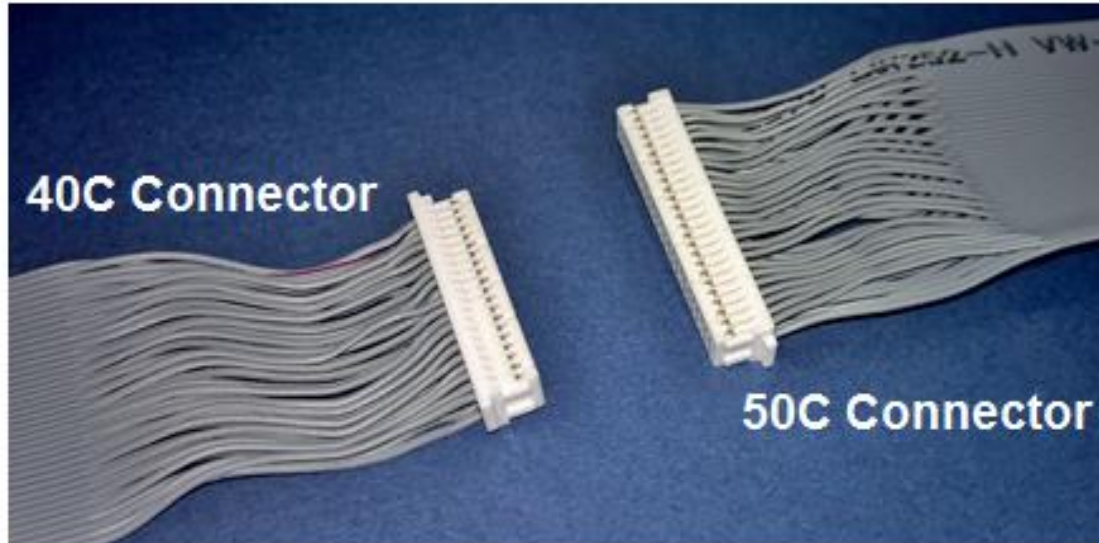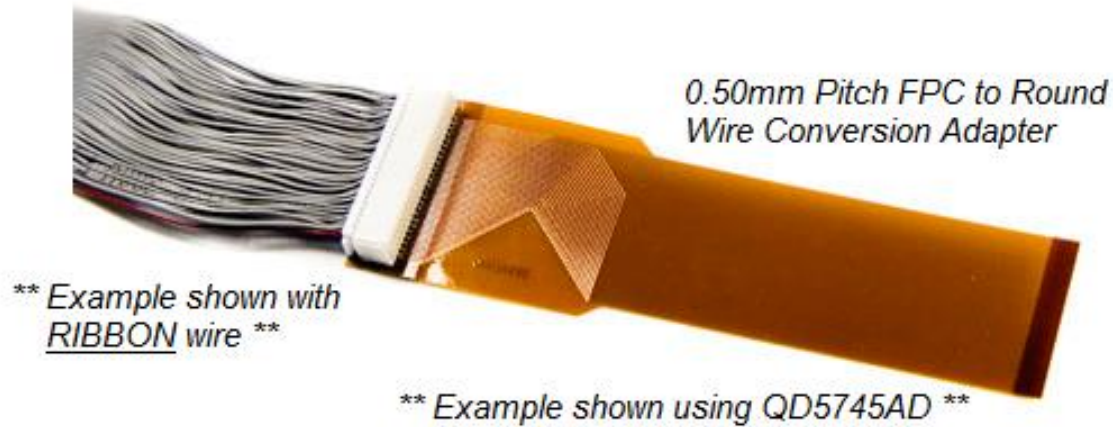28 Harrison Ave Suite 105,
Englishtown, NJ 07726

Tel: 732-792-1234
Fax: 732-792-8305

RT-700G-33-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*