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

4.00"

CN1

2.50"

NOTCHED TO 12 POSITIONS

P1

TO FFC/FPC HEADER

REINFORCING STRIP

SMT header

0.3 ± 0.05 mm

Exposed Traces (Au over Ni) 0.5 mm pitch, 12 conductor

FPC ADAPTER SECTION

24.00" +/- 0.50"

STRIPE

1

UNTERMINATED AWG 30(7) RIBBON WIRE

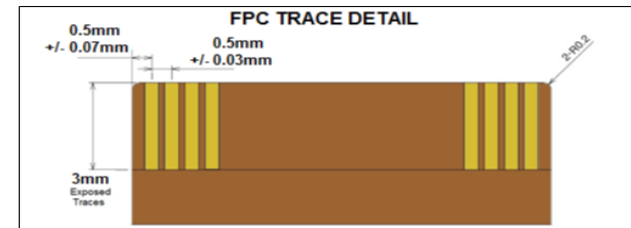CONDUCTORS SEPARATED 2"

2"

J1

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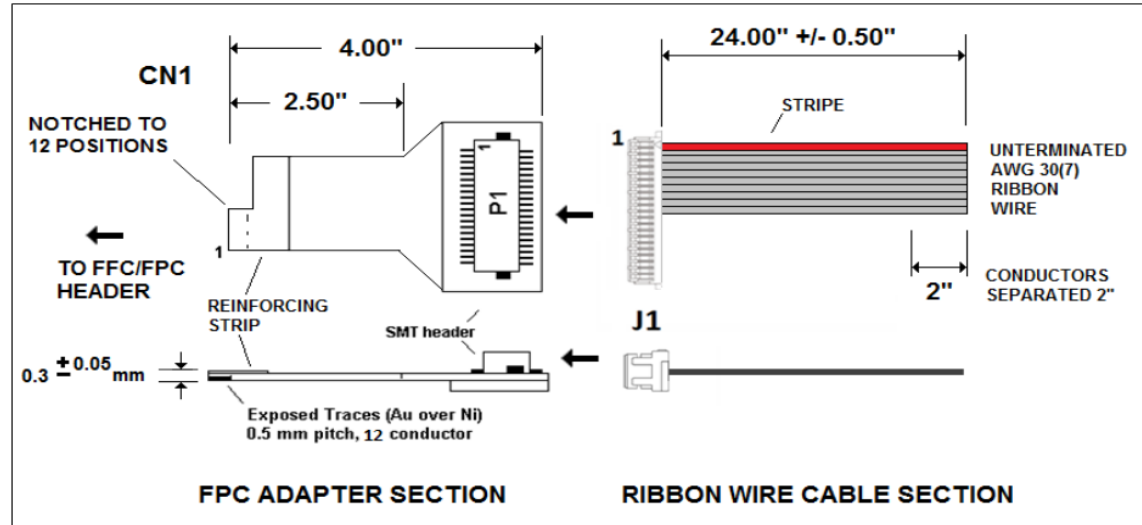
ASSEMBLY INSTRUCTIONS:
1) NOTCH DOWN QD5747
2) CUT DOWN UNUSED WIRES AT J1 CONNECTOR ON FLYING LEAD

CONVERTS FROM 0.50MM PITCH FFC/FPC INTERFACE TO RIBBON 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	9/18/15	PT
---	Assembly Instructions Update	12/1/21	PT

RT-700G-12-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* <u>*RIBBON*</u> *wire* **

** *Example shown using QD5745AD* **

40C Connector

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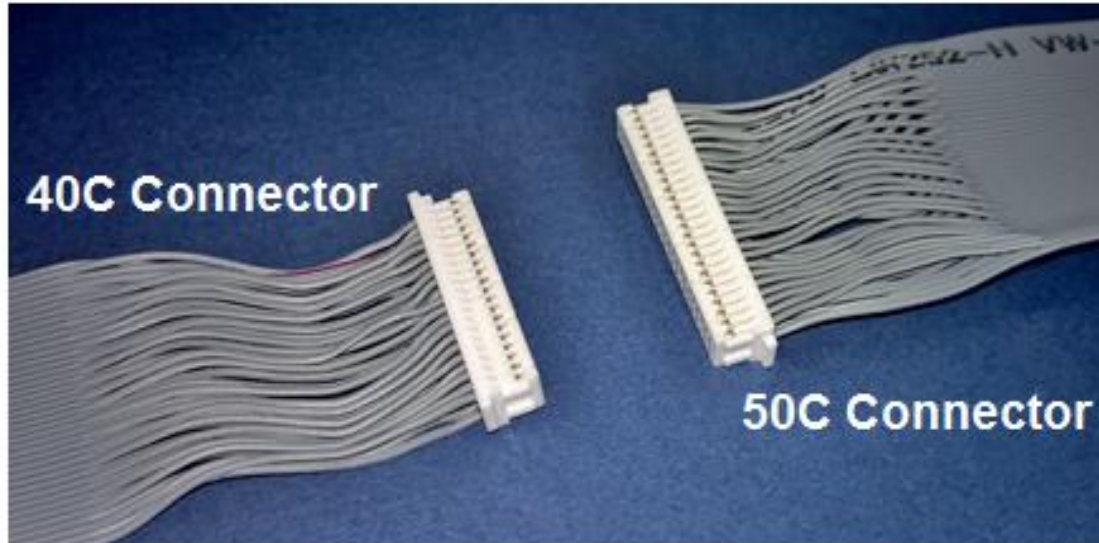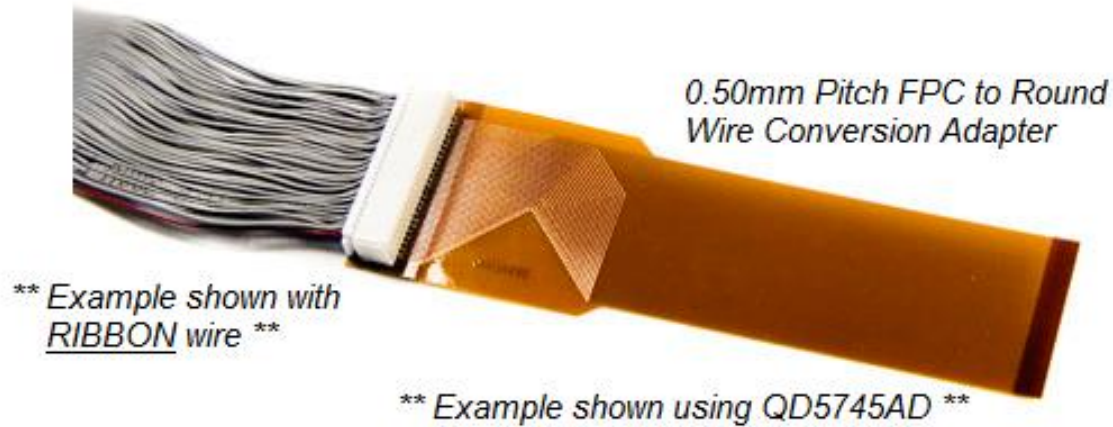
Ribbon Wire Flying Lead Part Number (40C) : **QD6020** *(Used with QD5747AD)*
Ribbon Wire Flying Lead Part Number (50C) : **QD6022** *(Used with QD5745AD)*

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