FLEX CONNECTOR
MINI-D RIBBON PLUG

NOTES:
1. Place grounded guard trace around node [U3-6, R11-3], guarding against U3-7 node and U3-1 node.
2. Zero offset of height measurement is 19.5mm *k, where k = common-mode voltage / differential voltage
3. Resistor values shown give k in the range - 0.025 to +0.025, with a differential drive level of 0.5 of max. This gives a zero offset span of +/- 0.5 mm.
4. Reducing the differential drive level to 0.05 of max gives a zero offset span of +/- 5mm, with a proportional reduction in S/N.

REV
A
DESCRIPTION
INITIAL RELEASE
B
UPDATED VARIOUS PARTS, ADDED GUARD RING AND ROGERS 4350B
C
ADDED OUTPUT SWITCH CHANGED U1 TO DUAL, AND ADDED SWAP INPUT

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SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES