

PCB STRAIGHT EDGE CARD CONNECTOR



4024 SERIES. 1.27 mm. (0.050") Pitch.

General Features

- Available in 80 and 120 circuits
- Accept card 1.40 to 1.60 mm. thickness
- 4 rows in PCB area (1.27 x 2.54 mm.)
- Standoff to prevent flux wicking
- Selective gold plated in contact area

Materials

- Insulator: PPS (Poly Phenyle Sulfide) UL 94 V-0
- Contact: Copper Alloy
- Operating temperature. -40°C to + 105°C
- RoHS compliant

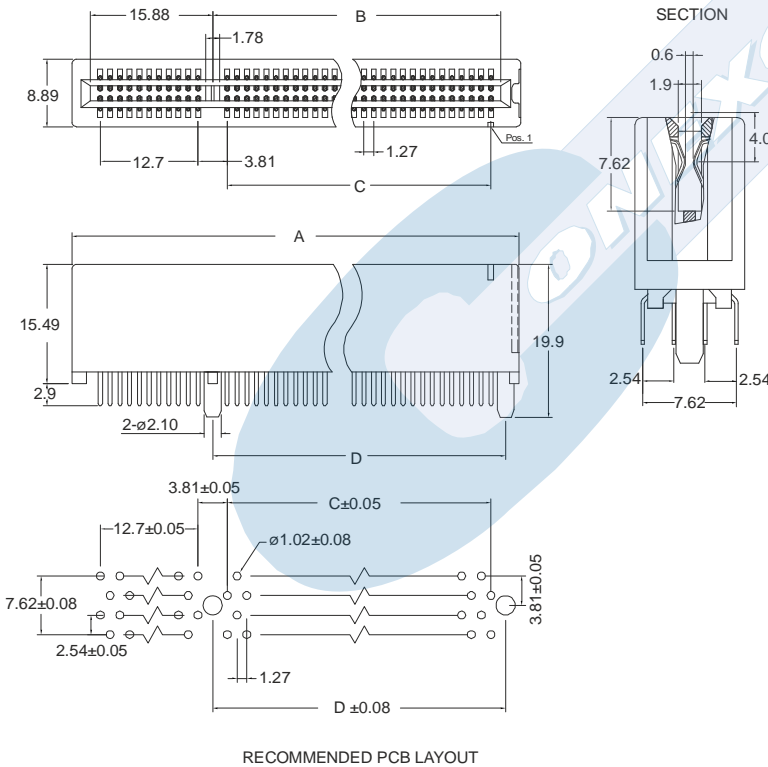
Materials

Electrical Features

- Voltage rating: < 125 V
- Current rating: < 1 A
- Contact resistance: < 20 mΩ
- Dielectric Withstanding Voltage: 500 V AC/minute
- Insulation Resistance: >1000 MΩ
- capacitance: < 2 pF

Mechanical Features

- Insertion force: 0.225 Kgf per contact's pair
- Withdrawal force: 0.028 Kgf per contact's pair
- Normal force on contact 0.075 Kgf
- Durability: 20 cycles



Ordering Information:

4024 - T- XXX
 1 2 3

1. Connector Series

2. (T) Contact Plating

- T = 3. Gold flash over 50μ" nickel
Recommended Finish
- T = 5. 15μ" gold over 50μ" nickel
- T = 6. 30μ" gold over 50μ" nickel

3. (XXX) Number of circuits

- Available in 80 and 120 circuits

CIRCUITS	DIMENSIONS				
	A	B	C	D	E
80	59.44	38.74	35.56	39.37	38.35
120	84.84	64.14	60.96	64.77	63.75