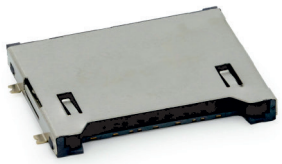
0240 Series SD 4.0 SMT UHS-II

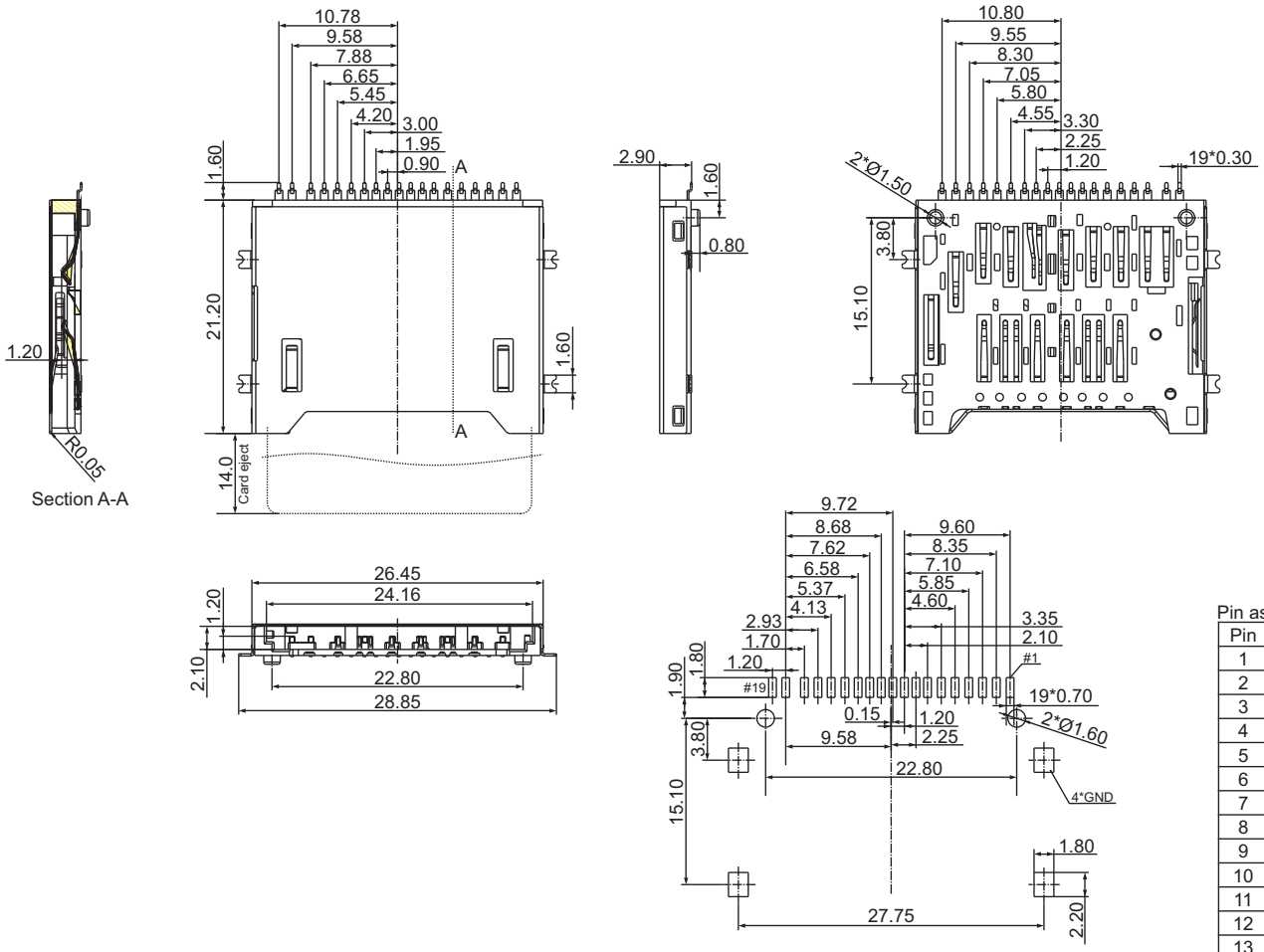
General specifications	
Insulator material	LCP, UL94V-0, color: black
Contact material	Phosphor bronze, plating: gold over nickel
Shell material	Stainless steel
Current / Voltage rating	1.0 A / 100 V AC/DC
Contact resistance	100 mΩ max.
Insulator resistance	1000 MΩ min. @ 250 VDC
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-20 °C to +60 °C
Durability	10000 cycles
Soldering	JEDEC lead free reflow soldering process
Mating parts series	



RoHS compliant

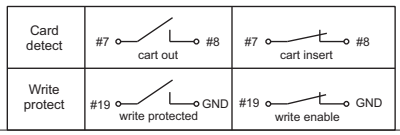
Mechanical dimensions

Unit: mm



Recommended P.C.B. layout

Tolerances		
Linear	X.	± 0.50
	.X	± 0.25
	.XX	± 0.12



Pin assignment

Pin	Name
1	VSS3
2	DAT2
3	D0+
4	CD/DAT3
5	D0-
6	CMD
7	CD
8	VSS1
9	VSS4
10	VDD2
11	VDD1
12	D1-
13	CLK
14	D1+
15	VSS2
16	VSS5
17	DAT0
18	DAT1
19	WP

Part numbering guide

0240 — B — R

Series

Contact plating
B = Flashgold

Packing
R = Reel
Y = Tray

* standard

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