

Material and Finish

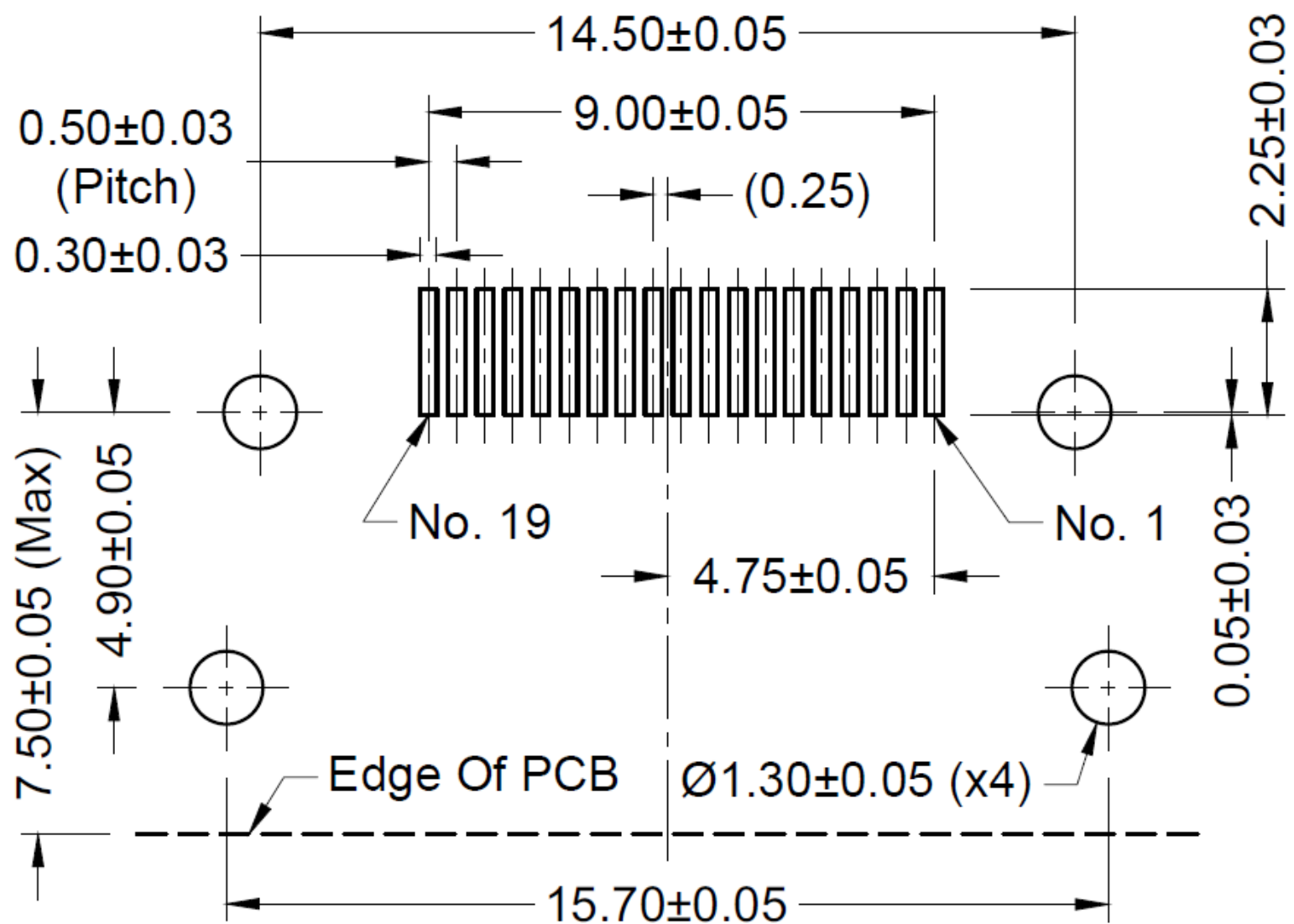
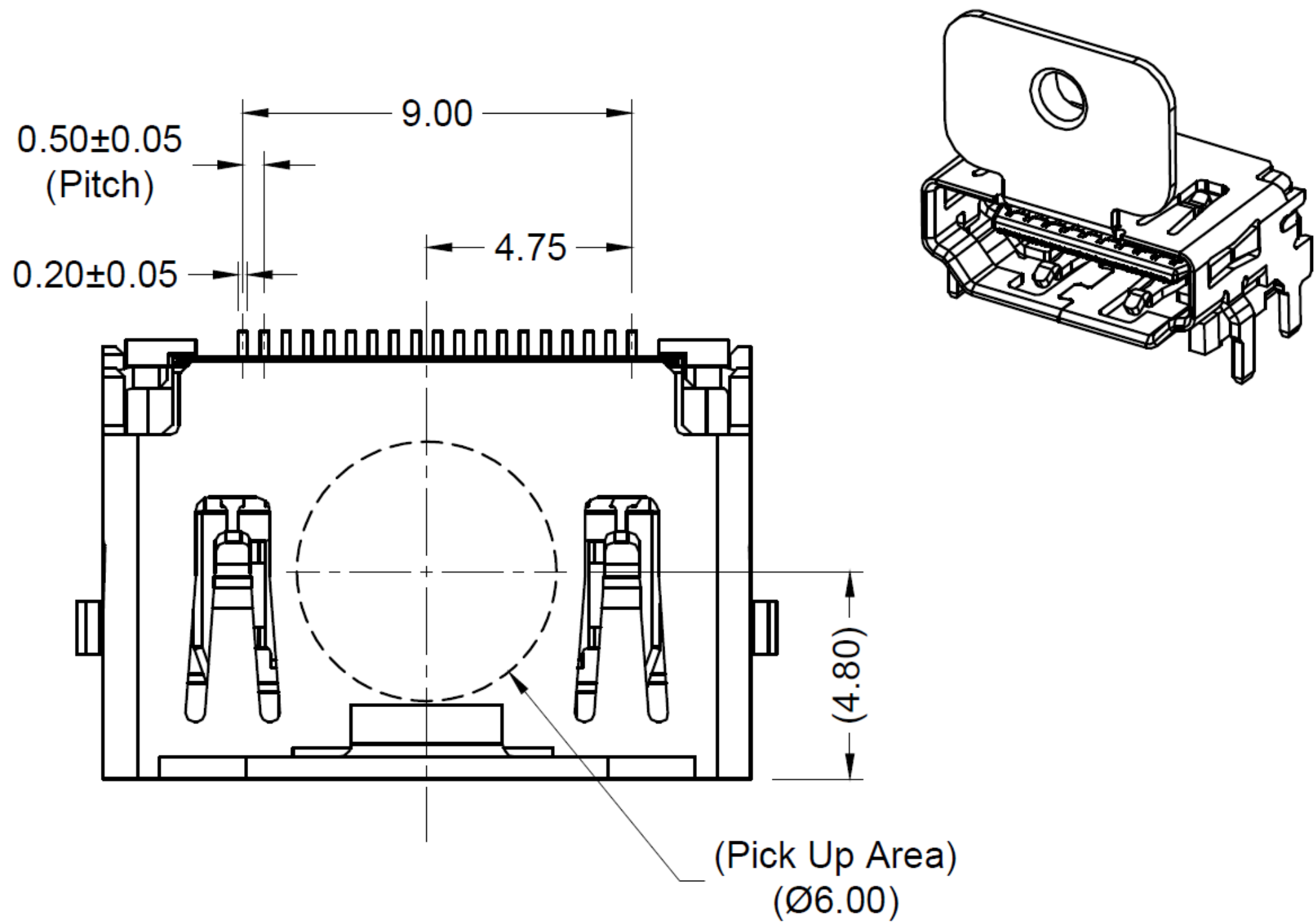
Housing: High Temp. Thermoplastic,
UL94V-0 Rated, Color: Black
Shield: Brass, Nickel Plated
Contacts: Copper Alloy
Contact Plating:
15u" Gold in Contact Area, Gold
Flash in Solder Area, Over Nickel
Underplate

Electrical Characteristics

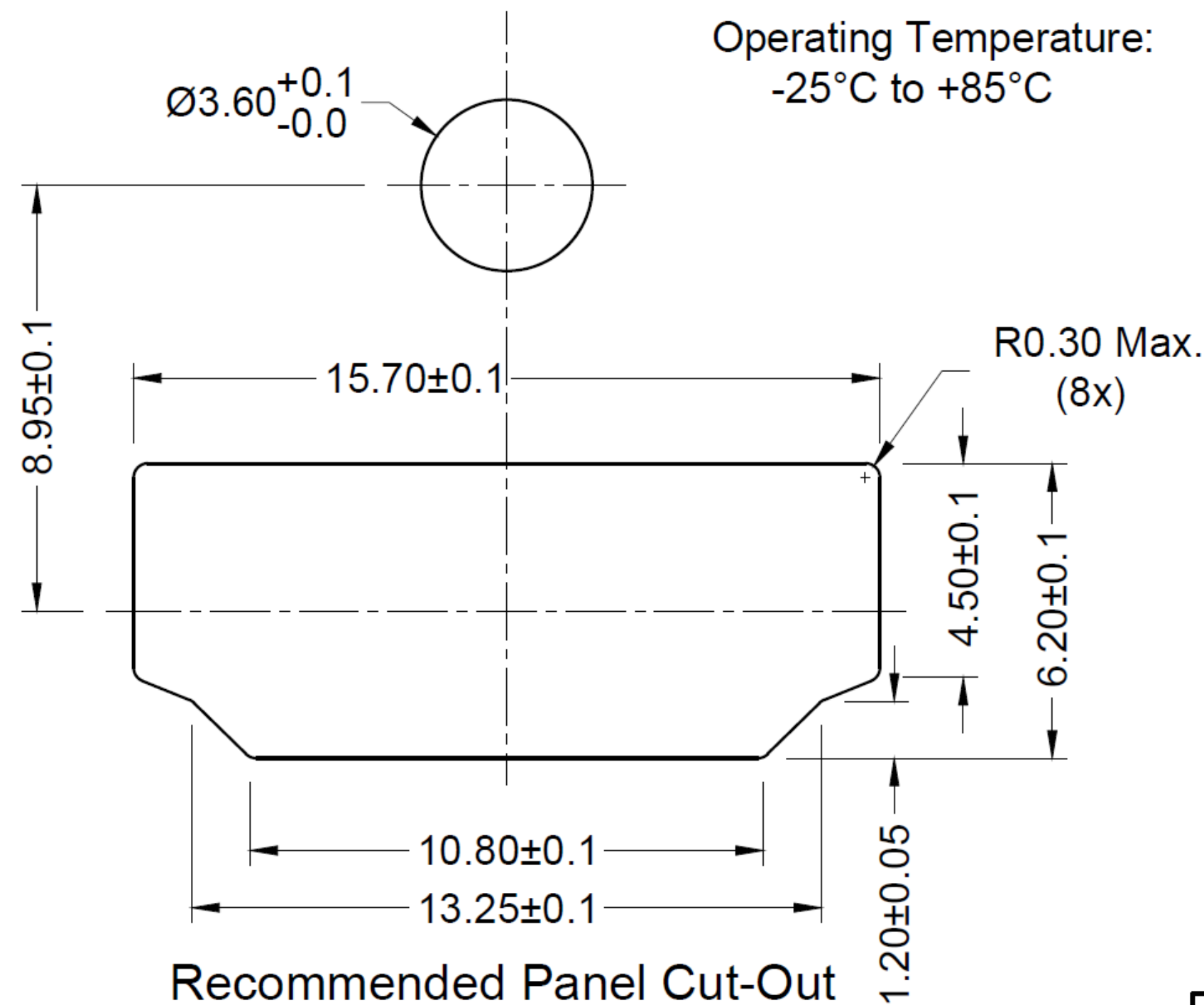
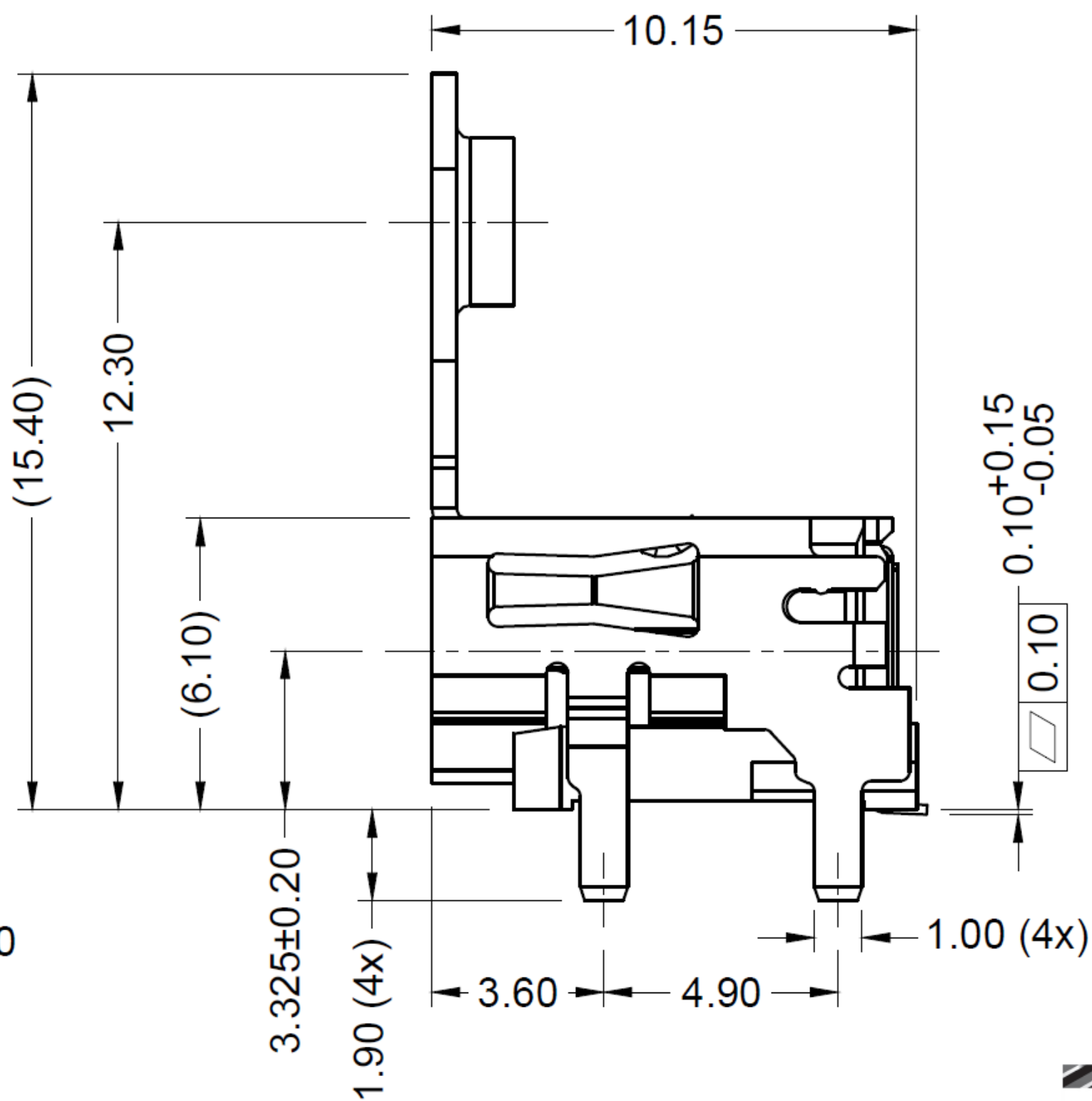
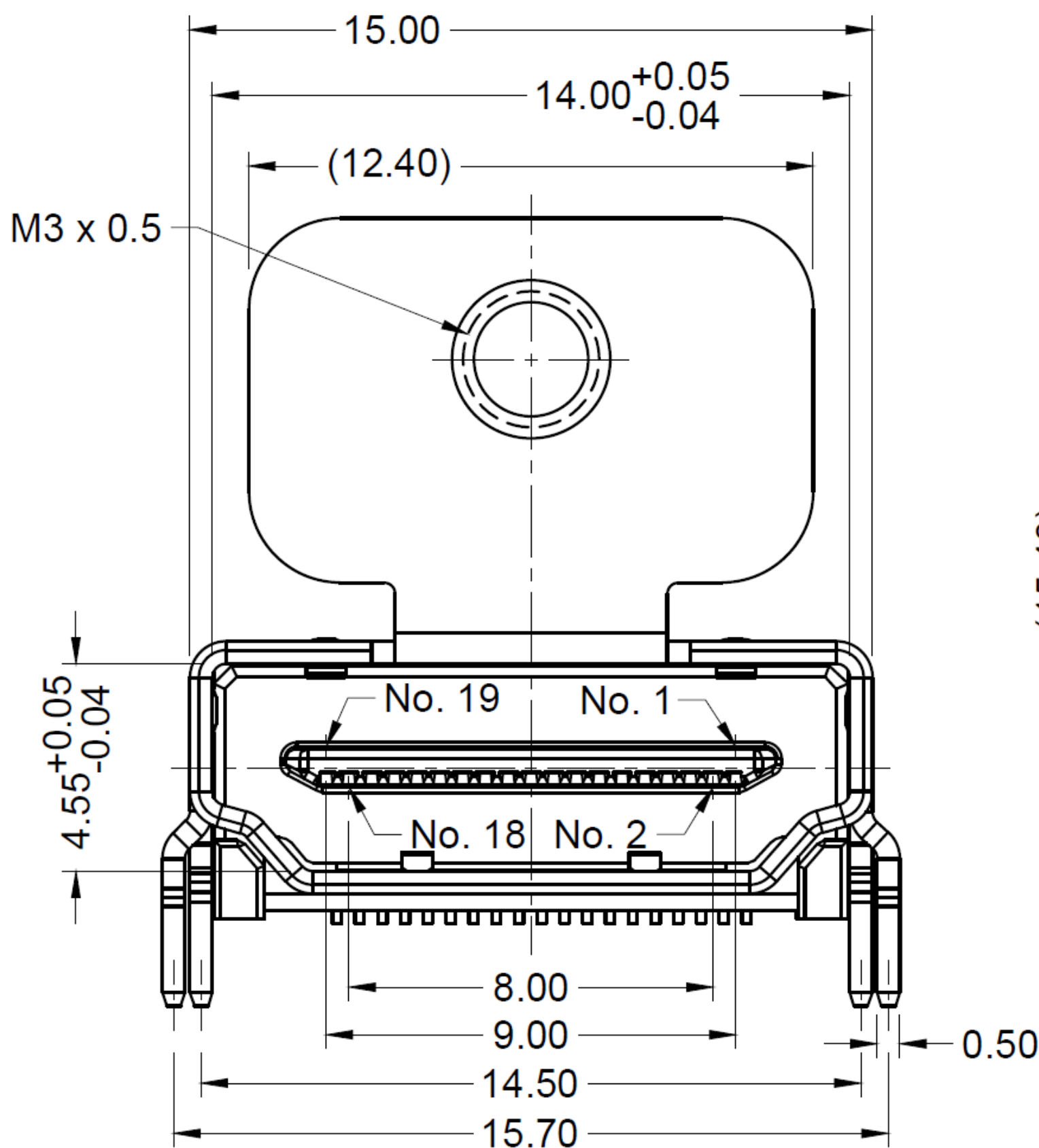
Insulation Resistance:
100 Mohms Min.
Dielectric Withstanding Voltage:
500V AC RMS for 1 Minute
Contact Current Rating: 0.5A Min.
Contact Resistance:
30 Milliohms Max.

Mechanical Characteristics

Durability: 10,000 Cycles
Insertion Force: 44.1N Max.
Withdrawal Force (Initial):
39.2N Max., 9.8N Min.
Operating Temperature:
-25°C to +85°C



Recommended PCB Layout



Recommended Panel Cut-Out



RoHS COMPLIANT

Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated Otherwise	

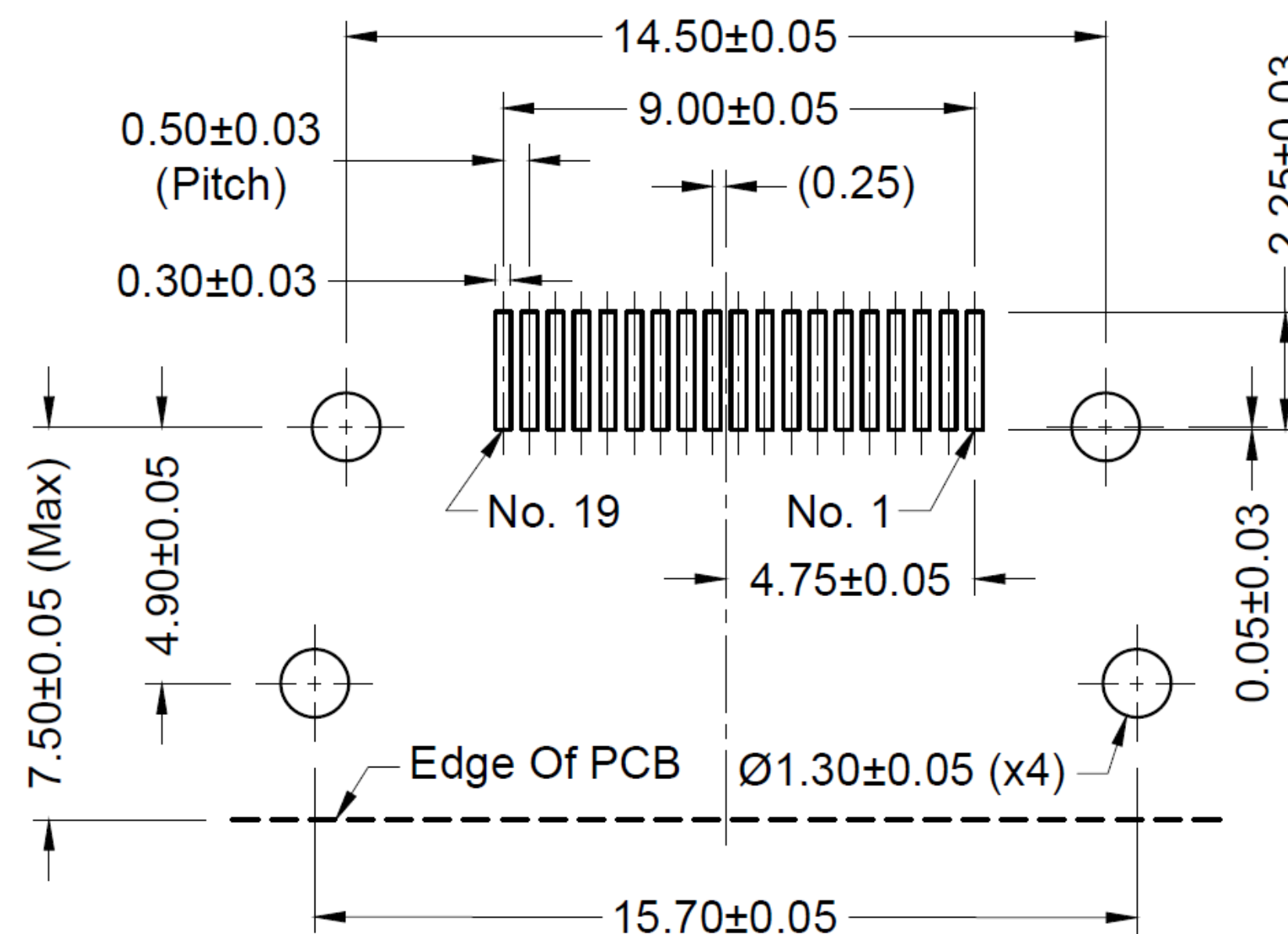
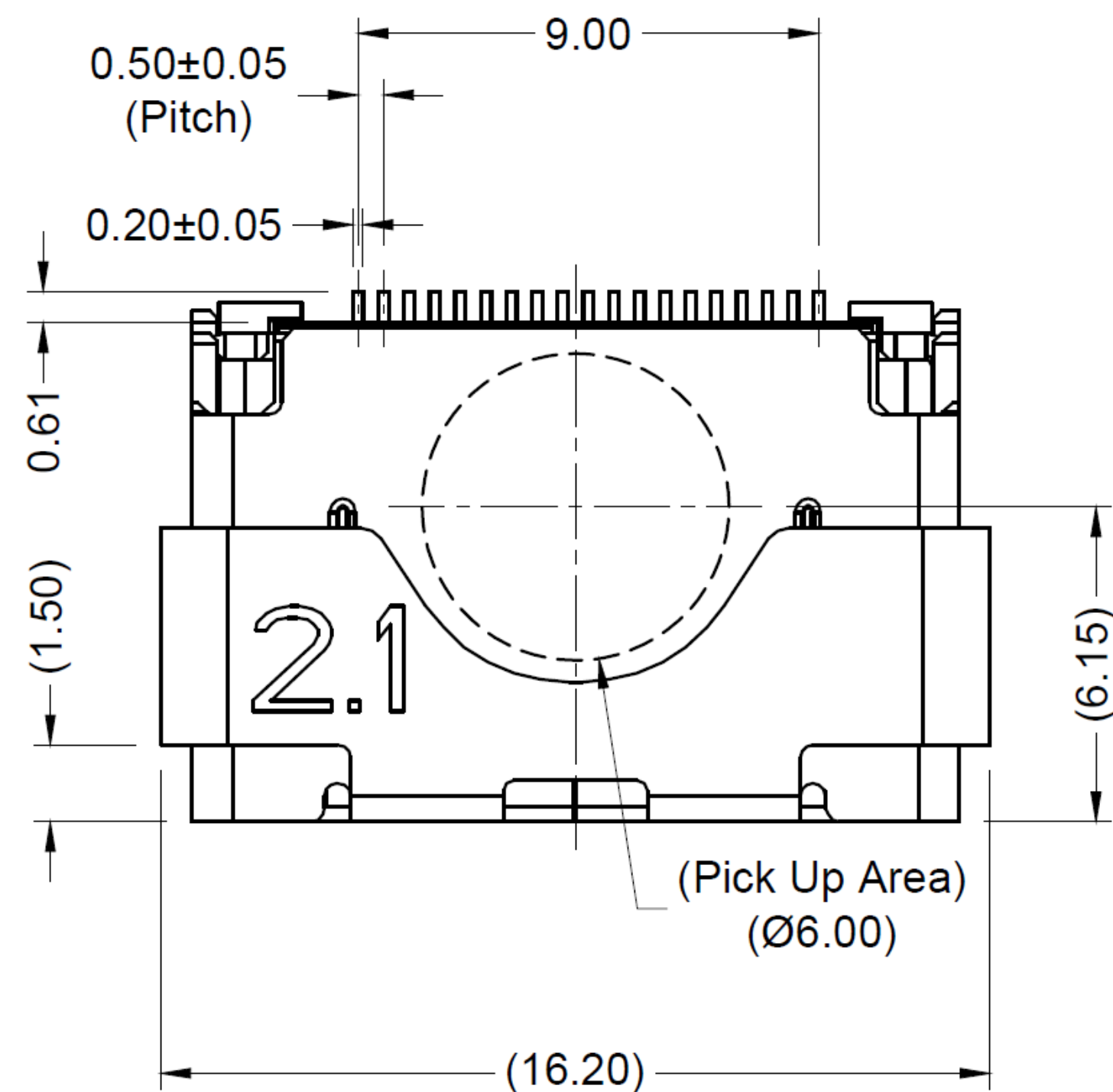
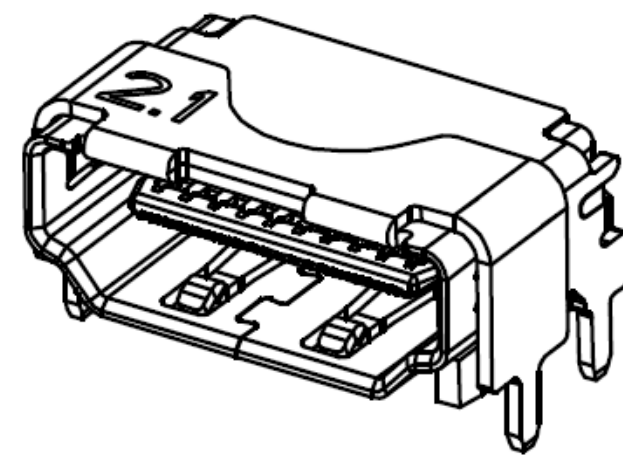
REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	06/08/20	New Drawing	C. Kelleher	D. Shehan	C. Kelleher	06/05/20
A1	12/10/20	Release Drawing	C. Kelleher	D. Shehan		

	UNITS
	mm

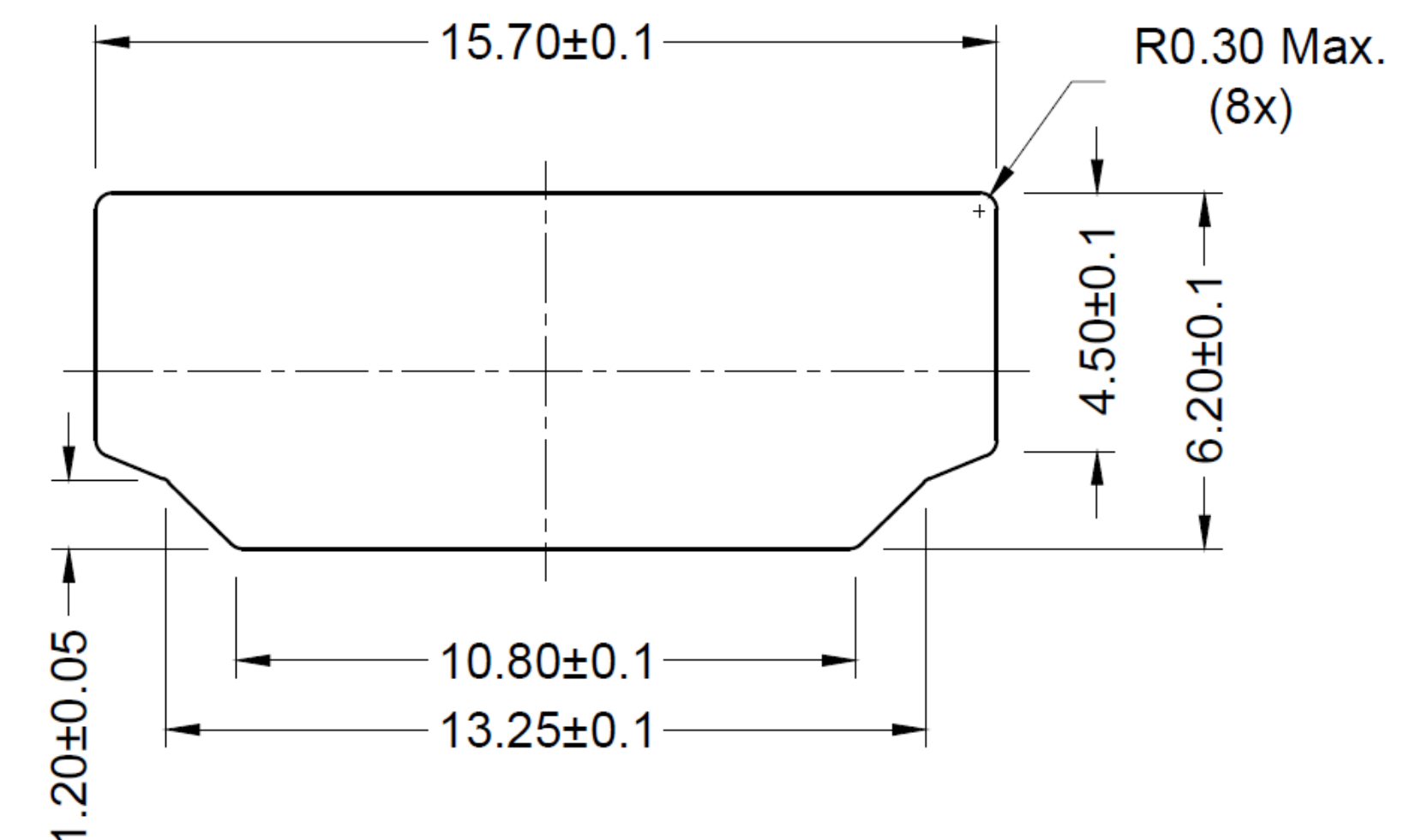
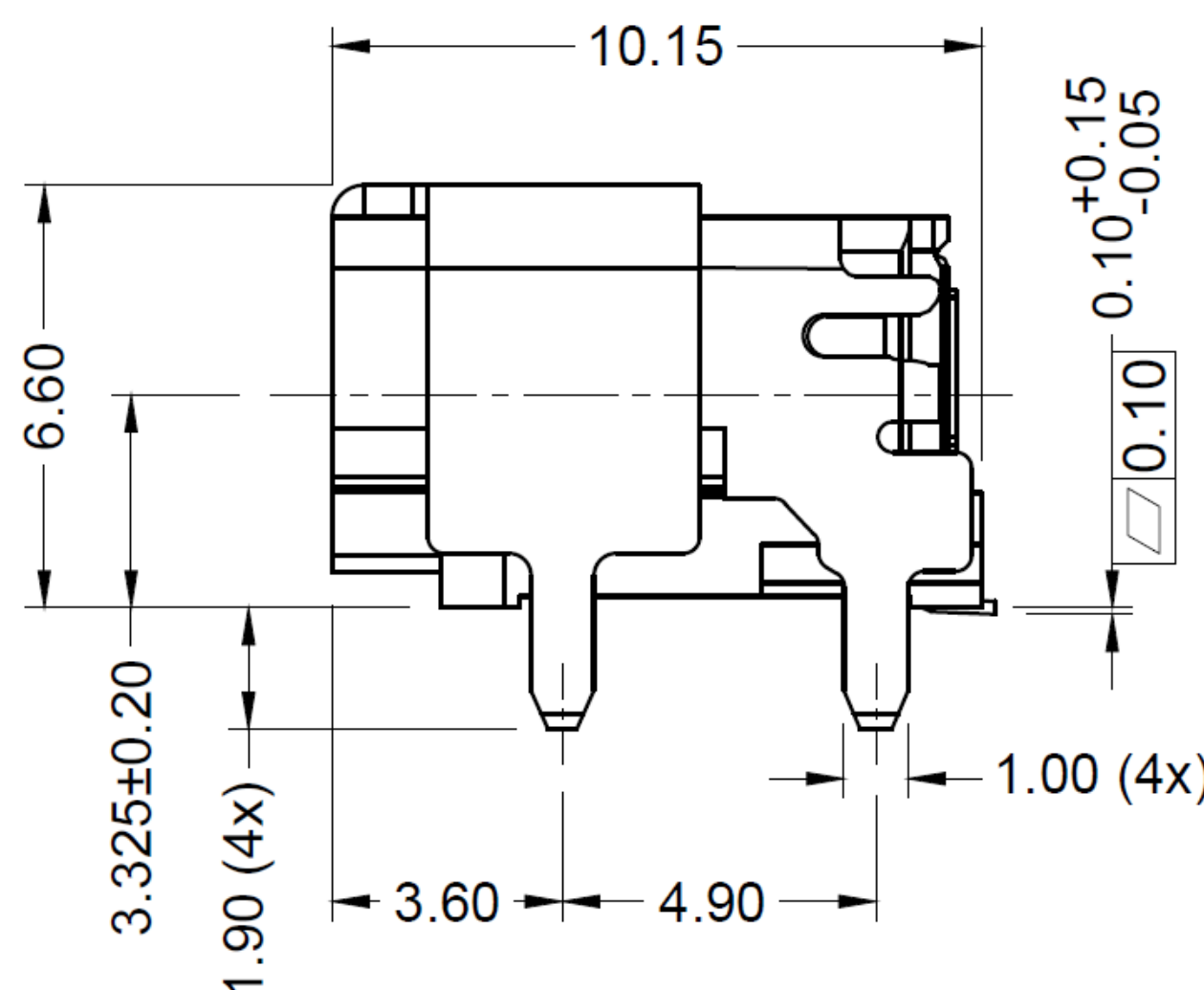
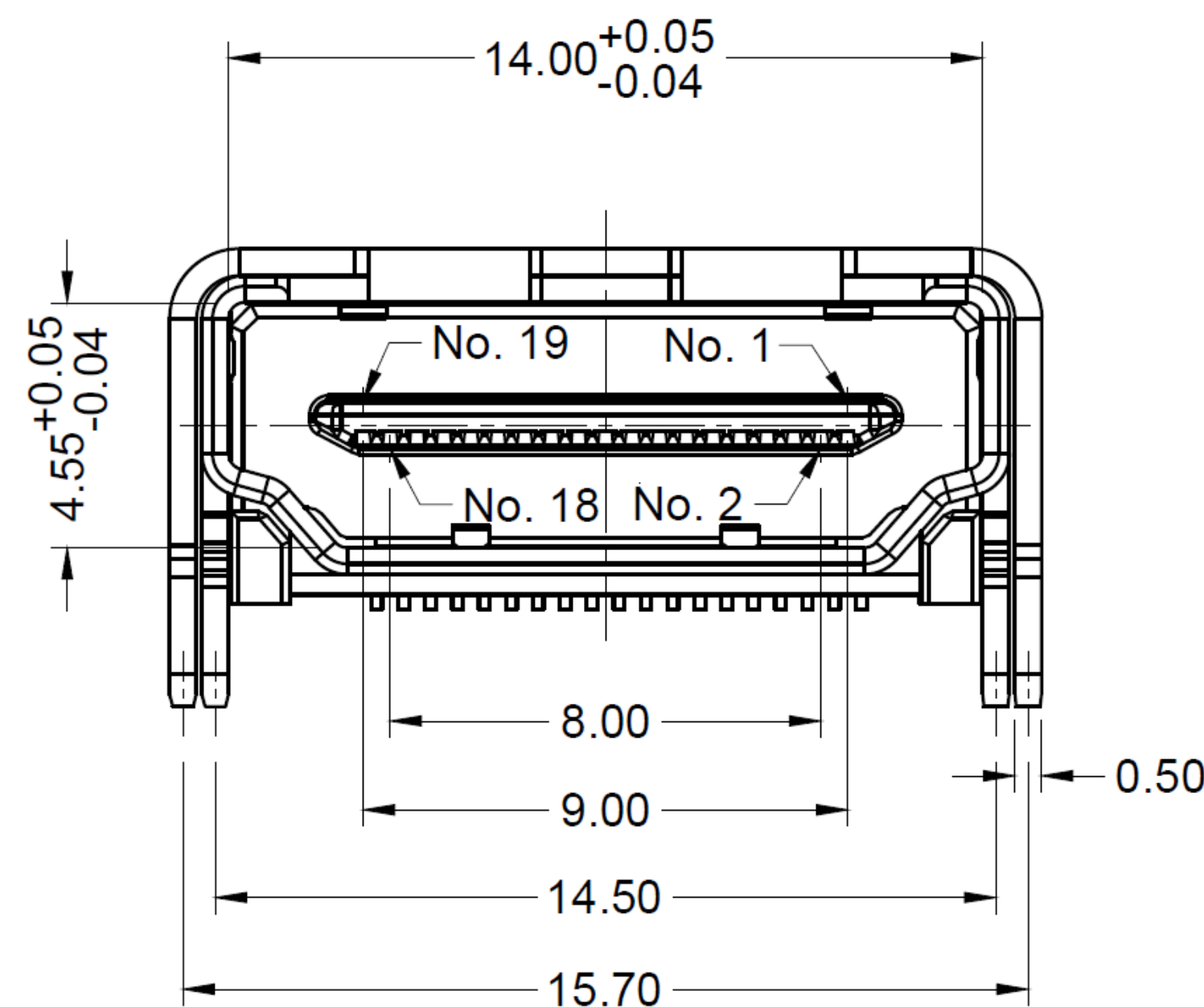
KDMIX-FS2-WS-B15TR-2.1

HDMI, Hi Temp, SMT, Top Flange, TH Shield W/Spring,
15u Gold, T&R, HDMI 2.1 Compliant, RoHS Compliant.





Recommended PCB Layout



Recommended Panel Cut-Out

Material and Finish

Housing: High Temp. Thermoplastic,
UL94V-0 Rated, Color: Black
Shield: Brass, Nickel Plated
Contacts: Copper Alloy
Contact Plating:
15u" Gold in Contact Area, Gold
Flash in Solder Area, Over Nickel
Underplate

Electrical Characteristics

Insulation Resistance:
100 Mohms Min.
Dielectric Withstanding Voltage:
500V AC RMS for 1 Minute.
Contact Current Rating: 0.5A Min.
Contact Resistance:
30 Milliohms Max.

Mechanical Characteristics

Durability: 10,000 Cycles
Insertion Force: 44.1N Max.
Withdrawal Force (Initial):
39.2N Max., 9.8N Min.
Operating Temperature:
-25°C to +85°C



Tolerances

X.X ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	06/08/20	New Drawing	C. Kelleher	D. Shehan	C. Kelleher	06/05/20
A1	12/10/20	Release Drawing	C. Kelleher	D. Shehan		

KDMIX-NS2-NS-B15TR-2.1

HDMI, Hi Temp, SMT, No Flange, TH Shield,

15u" Gold, T&R, HDMI 2.1 Compliant, RoHS Compliant.

