

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 9, 15 and 25 circuits
- Fork lock provides positive PCB retention
- Optional face mounting hardware
- Metal shell provides EMI/RFI shielding
- Intermateable with industry-standard receptacles

Reference Information

Product Specification: PS-87204

Packaging: Tray

UL File No.: E45587

Mates With: [87203](#)

Designed In: Millimeters

Electrical

Voltage: 300V DC

Current: 1.0A min.

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 750V AC RMS/1 min.

Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Insertion Force: 7.84N (1.76 lb) max.

Contact Withdraw Force: 0.98N (0.22 lb) max.

Terminal Retention: 22.25N (4.99 lb) min.

Mating Force: 9 circuits—44.94N (9.99 lb) max.

15 circuits—173.56N (38.96 lb) max.

25 circuits—124.56N (27.96 lb) max.

Unmating Force: 9.80N (2.20 lb) min.

Durability: 1000 cycles

Physical

Housing: Black polyester, UL 94V-0

Contact: Phosphor Bronze

Shell: Steel

Plating: See Ordering Table

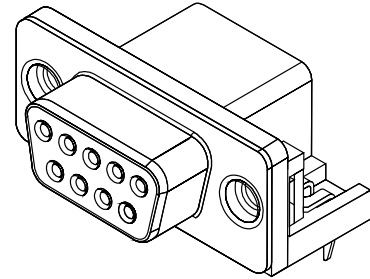
Operating Temperature: -55 to +85°C



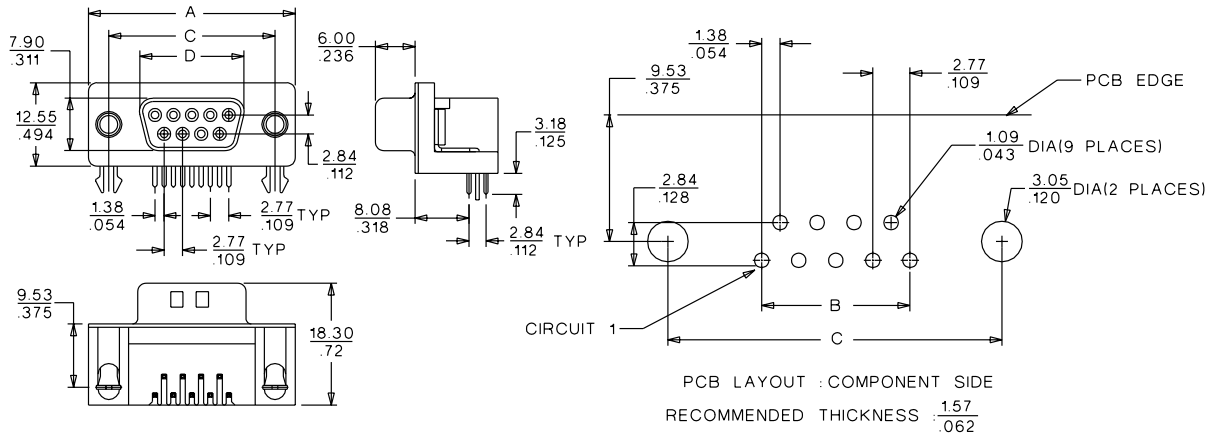
D-Subminiature Shielding I/O Receptacle

87204

Through Hole



CATALOG DRAWING (FOR REFERENCE ONLY)



I/O Connectors

N

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Plating	Dimension		
			A	C	D
9	87204-004X	30μ" Gold	30.81 (1.213)	24.99 (.984)	16.33 (.643)
	87204-104X				
	87204-204X				
	87204-604X				
	87204-704X				
	87204-804X				
15	87204-015X	15μ" Gold	39.14 (1.541)	33.32 (1.312)	24.66 (.971)
	87204-115X				
	87204-215X				
	87204-615X				
	87204-715X				
	87204-815X				
25	87204-036X	Gold Flash	53.04 (2.088)	47.04 (1.852)	38.38 (1.511)
	87204-136X				
	87204-236X				
	87204-636X				
	87204-736X				
	87204-836X				

Screw Option	Description	No. of Pieces
1	#4-40 round inner thread screw riveted	2
2	Flush insert only	0
3	#4-40 hex inner thread screw assembled	2
4	M2.6 inner thread screw assembled	2
5	M3 inner thread screw assembled	2
6	#4-40 hex inner thread screw attached	2
7	M2.6 inner thread screw attached	2
8	M3 inner thread screw attached	2

Note: Replace X with number of Screw Option 1 to 8