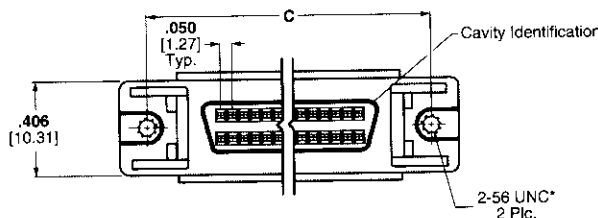
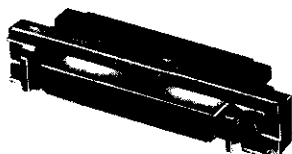


**AMPLIMITE .050 Series Panel Mount Receptacle Assemblies
With Rails, Latch Blocks, Series III (Continued)**



Materials:

Housing and Termination

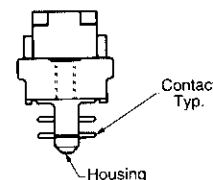
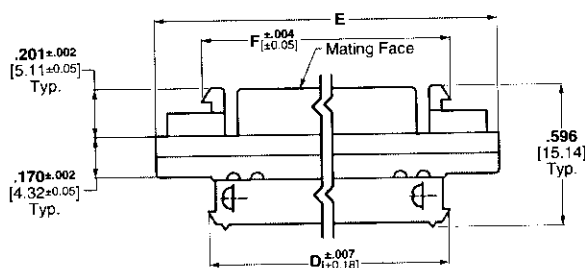
Covers—Thermoplastic, 94V-0 rated, black

Shell—Steel, plated bright nickel over copper

Bracket—Zinc, plated nickel over copper

Contacts—Phosphor bronze, duplex plated .000030 [0.00076] min. gold on mating end, bright tin-lead in termination area, all nickel underplated

Recommended wire size—
28 AWG [0.08-0.09mm²] or
30 AWG [0.05mm²], solid or
7 strand, with a .029-.036
[0.74-0.89] insulation diameter or
.050 [1.27] centerline, 28 AWG
[0.08-0.09mm²] stranded, PVC, flat
ribbon cable.



Technical Documents:

Product Specifications—108-1228

Application Specifications—
114-40029

Note: Refer to Tyco Electronics Customer drawings and Application Spec for PCB & panel layouts.

Note: Extra pin contact protection is provided by rails, which facilitate a straight-out, unmating motion. A side-to-side rocking motion should not be used to disengage the connector system.

No. of Pos.	Dimensions				Part Numbers
	C	D	E	F	Connectors With Assembled Standard Termination Covers
20	1.080 27.43	.879 22.33	1.315 33.40	.915 23.24	749611-2
26	1.230 31.24	1.029 26.14	1.465 37.21	1.065 27.05	749611-1
50	1.830 46.48	1.629 41.38	2.065 52.45	1.665 42.29	749611-5
50	1.830 46.48	1.629 41.38	2.065 52.45	1.665 42.29	750450-1*
100	3.080 78.23	2.879 73.13	3.315 84.20	2.915 74.04	749611-9

*Part Number 750450-1 has 4-40 threaded holes. All others have 2-56 threaded holes.

Note: For termination, cover closing and wire lacing tooling, see page 14.
For termination tooling other than wire lacing see pages 28,29.