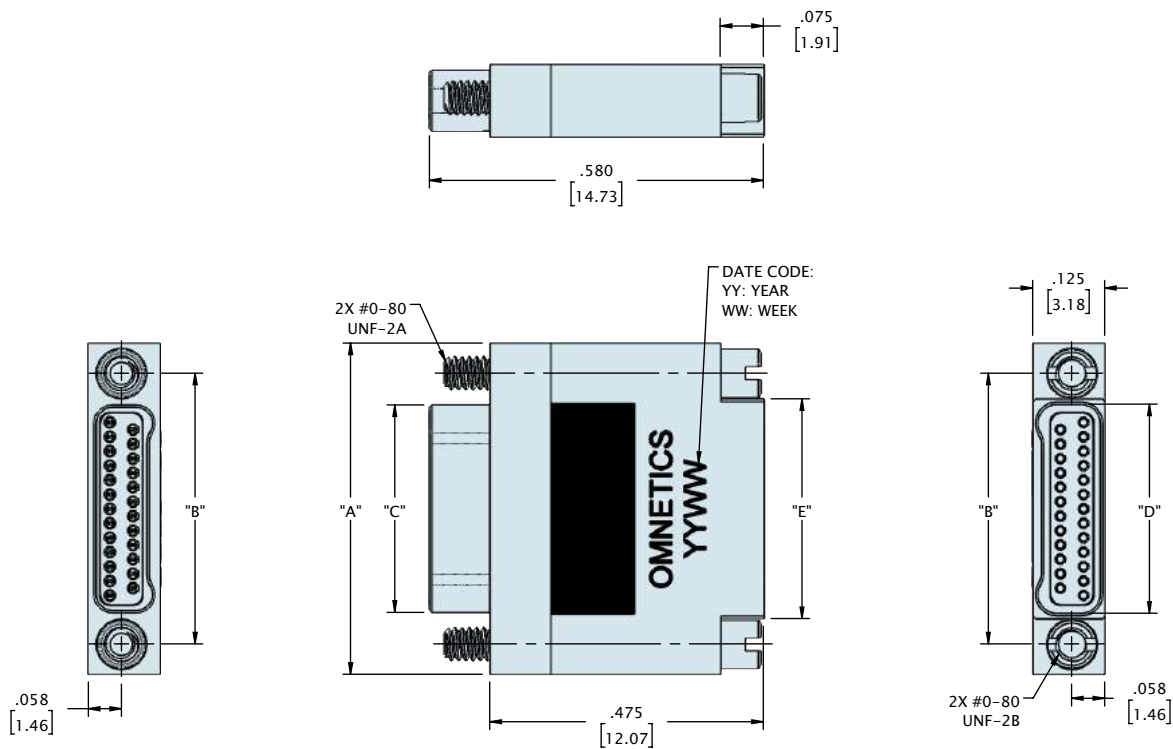
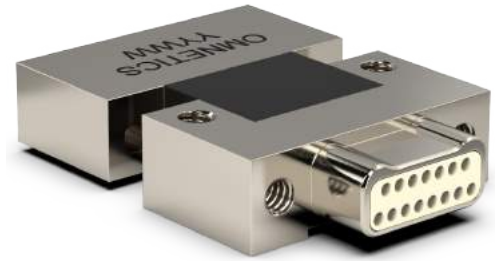


CONNECTOR SAVERS

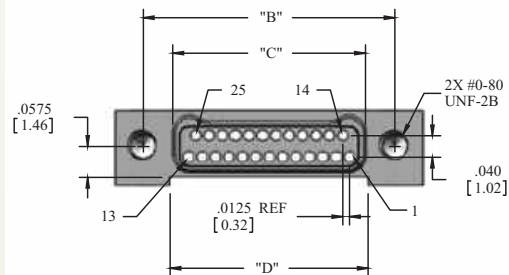
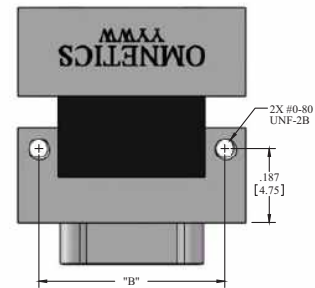
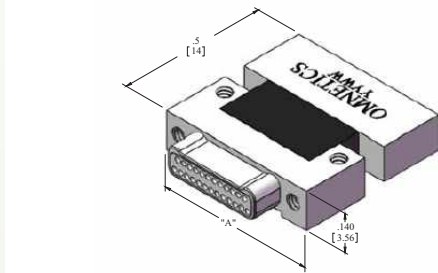
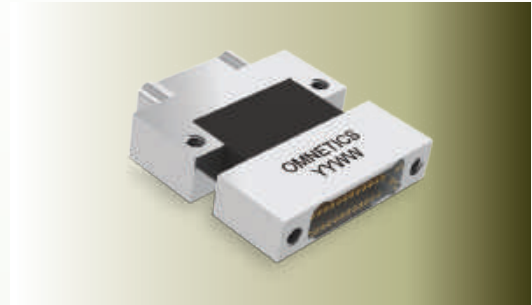
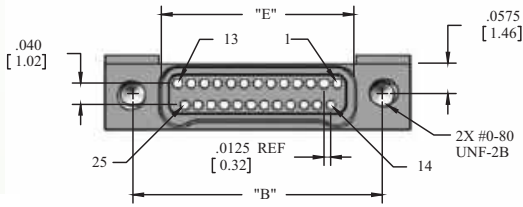
All of Omnetics' Bi-Lobe® connectors are rated for 200+ mating cycles. To support the requirements of applications that carry unique restrictions, such as limits on mating during programming, test, or burn-in, Omnetics' offers a Connector Saver product that can be mated to the corresponding connector to protect sensitive equipment and extend the life of the Bi-Lobe® connector. The Connector Saver features the Omnetics' gold-plated Flex Pin contact system and offers continuity of performance in a Bi-Lobe® connection. They are spaced on .025" (.64 mm) centerlines and can carry 1 amp per contact.



PART #	CONTACTS	"A"	"B"	"C"	"D"	"E"
A40838-009	09	.375 [9.53]	.270 [6.86]	.160 [4.06]	.163 [4.14]	.182 [4.62]
A40838-015	15	.450 [11.43]	.345 [8.76]	.235 [5.97]	.238 [6.05]	.257 [6.52]
A40838-021	21	.525 [13.34]	.420 [10.67]	.310 [7.87]	.313 [7.95]	.332 [8.43]
A40838-025	25	.575 [14.61]	.470 [11.94]	.360 [9.14]	.363 [9.22]	.382 [9.70]
A40838-031	31	.650 [16.51]	.545 [13.84]	.435 [11.05]	.438 [11.13]	.457 [11.60]
A40838-037	37	.725 [18.42]	.620 [15.75]	.510 [12.95]	.513 [13.03]	.532 [13.51]
A40838-051	51	.900 [22.86]	.795 [20.19]	.685 [17.40]	.688 [17.48]	.707 [17.95]
A40838-065	65	1.075 [27.31]	.970 [24.64]	.860 [21.84]	.863 [21.92]	.882 [22.40]
A40838-085	85	1.325 [33.66]	1.220 [30.99]	1.110 [28.19]	1.113 [28.27]	1.132 [28.75]

DIMENSIONS IN [] ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY

■ Bi-Lobe® Connector Savers



■ English (IN)

■ Metric (mm)

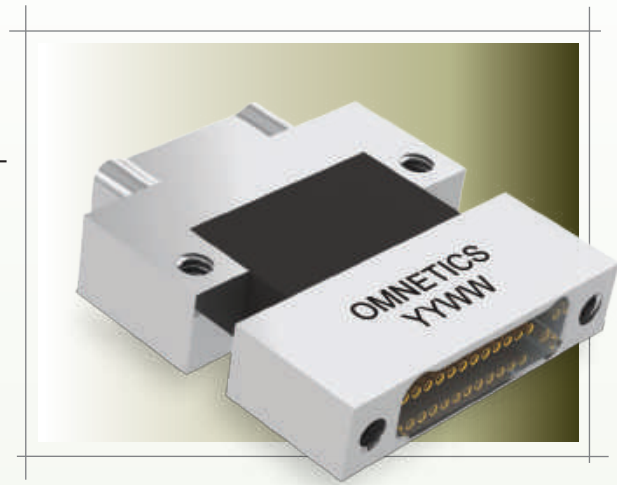
PART NO.	CONTACTS	"A"	"B"	"C"	"D"	"E"	"A"	"B"	"C"	"D"	"E"
■ A40828-001	9	0.375	0.270	0.160	0.170	0.163	9.53	6.86	4.06	4.32	4.14
■ A40829-001	15	0.450	0.345	0.235	0.245	0.238	11.43	8.76	5.97	6.22	6.05
■ A40830-001	21	0.525	0.420	0.310	0.320	0.313	13.34	10.67	7.87	8.13	7.95
■ A40831-001	25	0.575	0.470	0.360	0.370	0.363	14.61	11.94	9.14	9.40	9.22
■ A40832-001	31	0.650	0.545	0.435	0.445	0.438	16.51	13.84	11.05	11.30	11.13
■ A40833-001	37	0.725	0.620	0.510	0.520	0.513	18.42	15.75	12.95	13.21	13.03
■ A40834-001	51	0.900	0.795	0.685	0.695	0.688	22.86	20.19	17.40	17.65	17.48
■ A40835-001	65	1.075	0.970	0.860	0.870	0.863	27.31	24.64	21.84	22.10	21.92

CAGE Code 61873

■ Bi-Lobe® Connector Savers

Omnetics Bi-Lobe® connectors are rated for 200+ mating cycles, however, many applications carry their own restrictions as to how many times a connector may be mated and unmated during programming, test and burn-in. To support these requirements, Omnetics offers a "Connector Saver" which can be mated to the corresponding connector on the sensitive equipment. They utilize the same rugged and reliable Flex Pin contact system. Spaced on 25 mil (.64mm) centerlines, they are capable of carrying 1 amp per contact.

Bi-Lobes® "Connector Savers" are available in pin counts from 9-65



■ Electro-Mechanical Specs

■ Durability:	200 Mating Cycles min
■ Temperature:	-55°C to +125 °C (200 °C w/HTE)
■ Current rating:	1 amp per contact
■ Voltage Rating (DWV):	250 VAC RMS Sea Level
■ Insulation Resistance:	5,000 Megohms min
■ Shock:	100 g's discontinuity < 10 nanoseconds
■ Vibration:	20 g's discontinuity < 10 nanoseconds
■ Thermal Vacuum Outgassing:	1.0% max TML, 0.1% max VCM
■ Contact Resistance:	71 mV drop @ 1 amp
■ Mating/Unmating Force:	7 oz. (.198 kg) max per contact

■ Material Specifications

■ Shell Material and Finish:	Aluminum Shell, Electroless Nickel plated Aluminum Shell, Cadmium plated Titanium Shell, Unplated Stainless Steel Shell, Passivated
■ Insulator:	Liquid Crystal Polymer (LCP)
■ Pin:	Gold Plated BeCu
■ Socket:	Gold Plated Copper Alloy
■ Encapsulant:	Epoxy