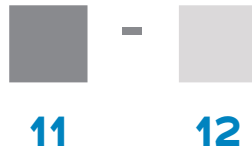


ORDERING GUIDE



11 Hardware

- 00** None, Ø .092 Hole (STD)
- 01** Fixed Jack-Posts (STD)
- 02** Jackscrews, STD Length, Hex Head (STD)
- 03** Jackscrews, STD Length, Slotted
- 04** Jackscrews, Long, Hex
- 05** Jackscrews, Long, Slotted
- 06** Float Mount, Front Mounted
- 07** Float Mount, Rear Mounted
- 08** Non-removable
- 13** Fixed Jackspots (STD)
- 14** Jackscrews STD Length, Hex Head (STD)
- 15** One set of each, Fixed Jackspots & Jackscrews, Standard Length, Hex Head (STD)
- YY** Non Standard Hardware

12 Common Options

- | | |
|--------------------------------------|--|
| ETH End Threaded Hole, #0-80 | EJS End Jack Screw |
| HT High Temp. Epoxy | RH RoHS Compliant |
| FP Front Panel Mount | SR Strain Relief |
| CS Customer Supplied Material | RP Rear Panel Mount |
| IS Inline Shell | OR O-Ring |
| OM Overmold | BS1 Standard Straight Backshell |
| BS2 45 Oval | BS3 90/RA Oval |
| BS4 2 Piece BS | BSY Custom Backshell |

SINGLE ROW JUMPERS (TYPE JUM)

Omnetics' **Single Row Bi-Lobe[®]** harnesses are built to order by Omnetics to ensure maximum flexibility in wire type, size, and color-coding. They are designed to accommodate 30 AWG and smaller stranded wire and feature .025" (.64) centerlines, which makes them an excellent choice for routing multiple lines through confined spaces. They feature Omnetics' gold-plated Flex Pin contact system. Shell material options include aluminum, titanium, and stainless steel, with custom plating options available upon request. These connectors are available in standard sizes ranging from 5 through 51 positions, as well as custom configurations.



Electro-Mechanical Specifications

TYPE	PERFORMANCE
Durability	> 2000 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 @ 100 VDC
Shock	100 g's discontinuity < 10 nanoseconds
Vibration	20 g's discontinuity < 10 nanoseconds
Thermal Vacuum Outgassing	1.0% max TML, 0.1% VCM
Contact Resistance	71 milliohms (71 mV) max @ 1 Amp
Mating/Unmating Force	2.5 oz. (.71g) typical per contact

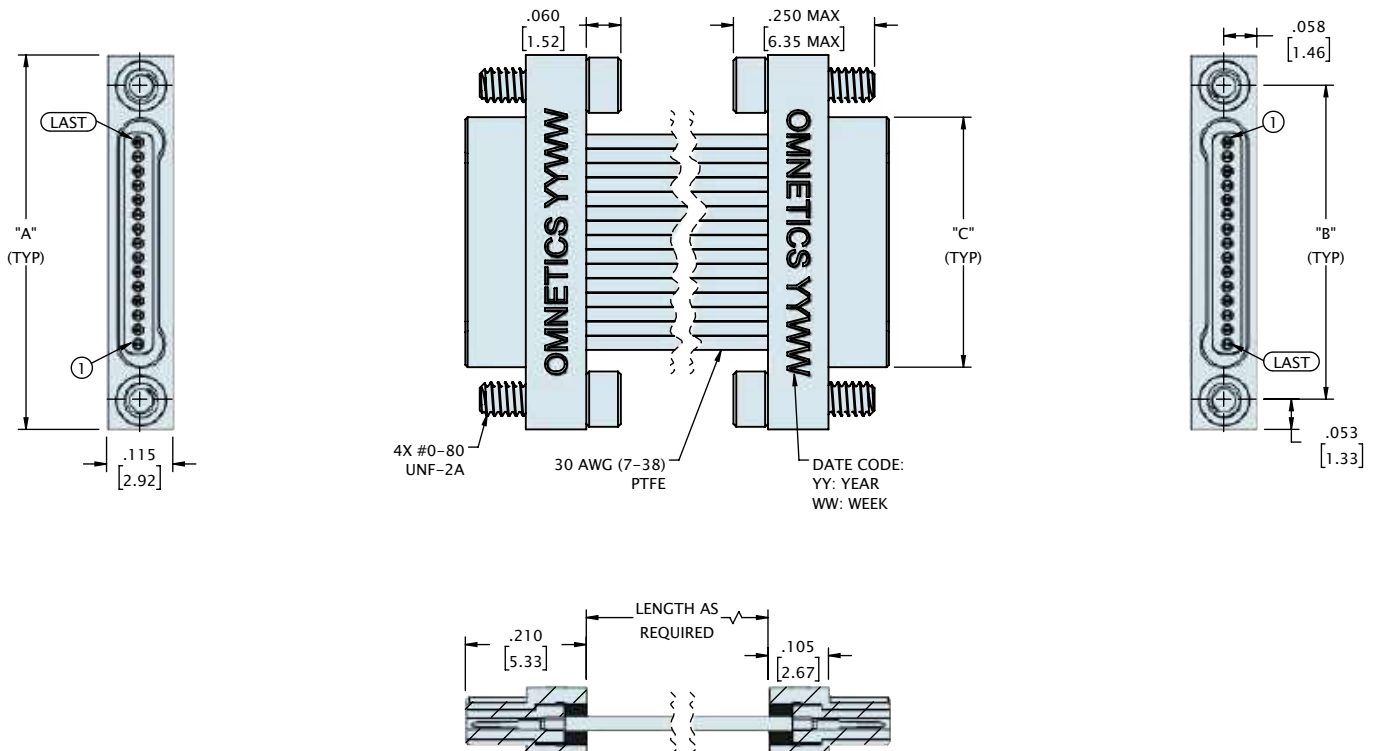
Material Specifications

TYPE	PERFORMANCE
Contact	Copper Alloy Per MIL-DTL-32139
Contact Finish	Gold per ASTM B488, Type II, Class 1.27, Code C Over Nickel Underplate
Insulator	Thermoplastic per MIL-M-24519
Encapsulant	Epoxy

Shell Options

TYPE	PERFORMANCE
Aluminum 6061	Electroless Nickel per SAE-AMS-2404
Stainless Steel, 300 Series	Passivated per SAE-AMS-2700

SINGLE ROW MALE TO MALE JUMPERS (TYPE JUM)

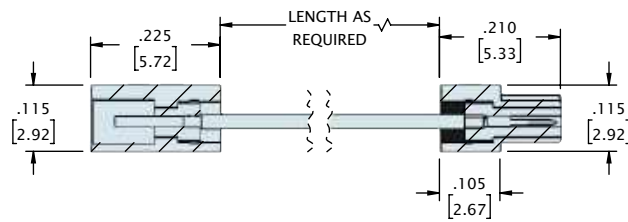
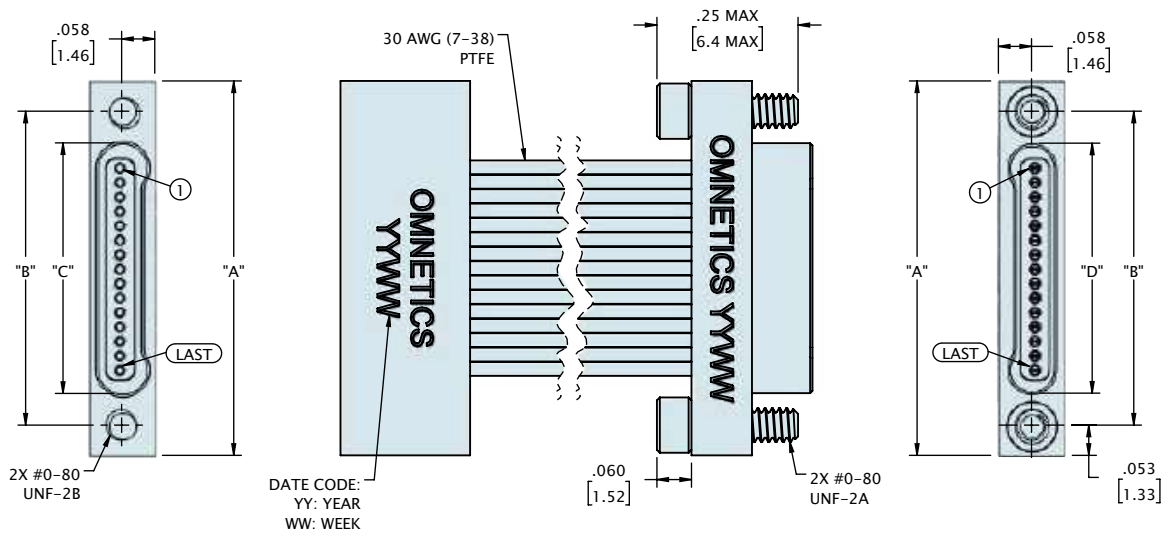


JACKSCREWS HIDDEN FOR CLARITY

CONTACTS	"A"	"B"	"C"
05	.400 [10.16]	.295 [7.49]	.184 [4.67]
09	.500 [12.70]	.395 [10.03]	.284 [7.21]
15	.650 [16.51]	.545 [13.84]	.434 [11.02]
21	.800 [20.32]	.695 [17.65]	.584 [14.83]
25	.900 [22.86]	.795 [20.19]	.684 [17.37]
31	1.050 [26.67]	.945 [24.00]	.834 [21.18]
37	1.200 [30.48]	1.095 [27.81]	.984 [24.99]
51	1.550 [39.37]	1.445 [36.70]	1.334 [33.88]

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

SINGLE ROW MALE TO FEMALE JUMPERS (TYPE JUM)

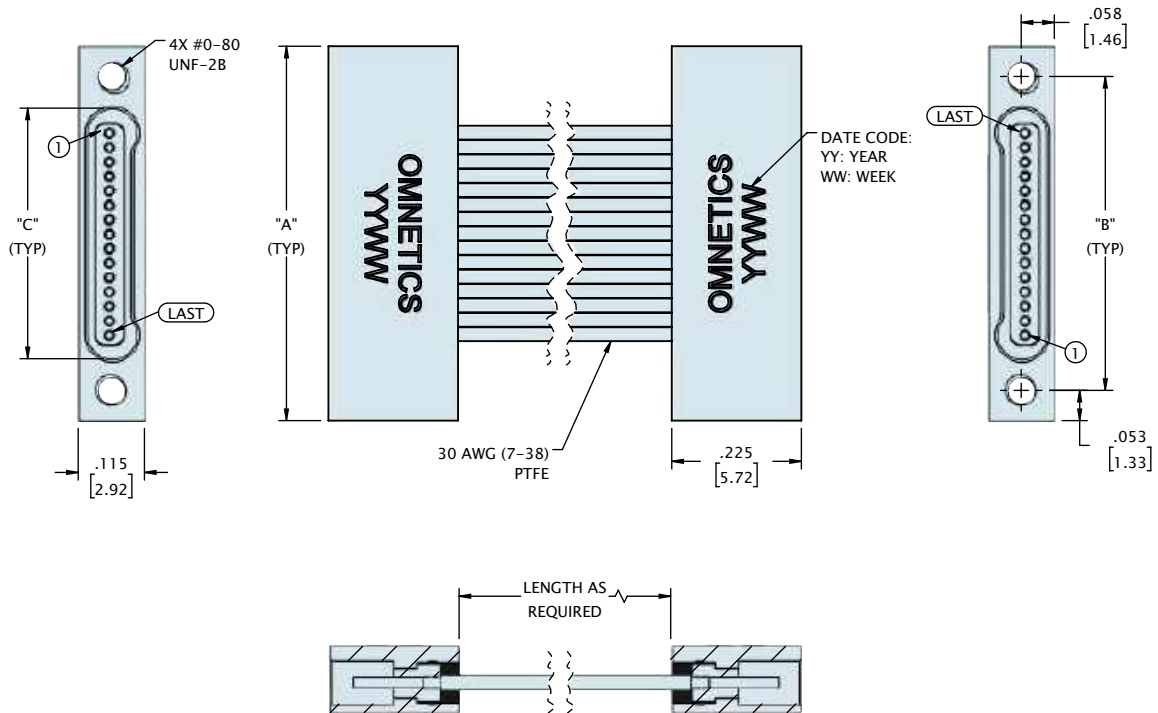


JACKSCREWS HIDDEN FOR CLARITY

CONTACTS	"A"	"B"	"C"	"D"
05	.400 [10.16]	.295 [7.49]	.185 [4.70]	.184 [4.67]
09	.500 [12.70]	.395 [10.03]	.285 [7.24]	.284 [7.21]
15	.650 [16.51]	.545 [13.84]	.435 [11.05]	.434 [11.02]
21	.800 [20.32]	.695 [17.65]	.585 [14.86]	.584 [14.83]
25	.900 [22.86]	.795 [20.19]	.685 [17.40]	.684 [17.37]
31	1.050 [26.67]	.945 [24.00]	.835 [21.21]	.834 [21.18]
37	1.200 [30.48]	1.095 [27.81]	.985 [25.02]	.984 [24.99]
51	1.550 [39.37]	1.445 [36.70]	1.335 [33.91]	1.334 [33.88]

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

SINGLE ROW FEMALE TO FEMALE JUMPERS (TYPE JUM)



CONTACTS	"A"	"B"	"C"
05	.400 [10.16]	.295 [7.49]	.185 [4.70]
09	.500 [12.70]	.395 [10.03]	.285 [7.24]
15	.650 [16.51]	.545 [13.84]	.435 [11.05]
21	.800 [20.32]	.695 [17.65]	.585 [14.86]
25	.900 [22.86]	.795 [20.19]	.685 [17.40]
31	1.050 [26.67]	.945 [24.00]	.835 [21.21]
37	1.200 [30.48]	1.095 [27.81]	.985 [25.02]
51	1.550 [39.37]	1.445 [36.70]	1.335 [33.91]

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