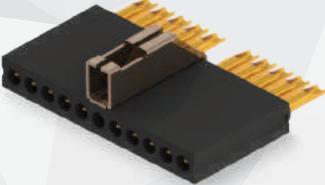
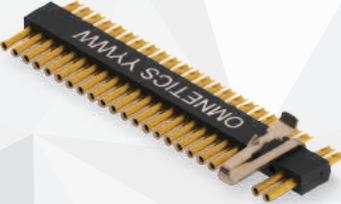


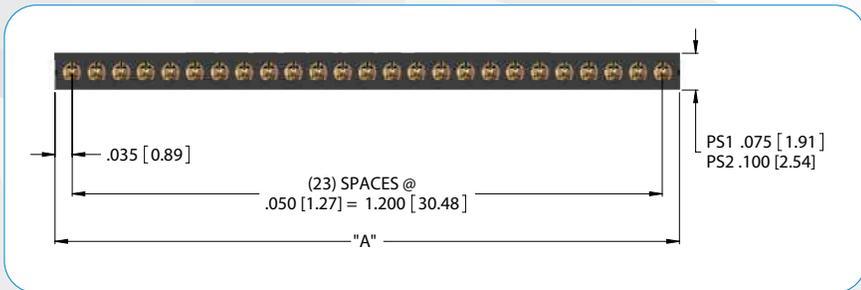
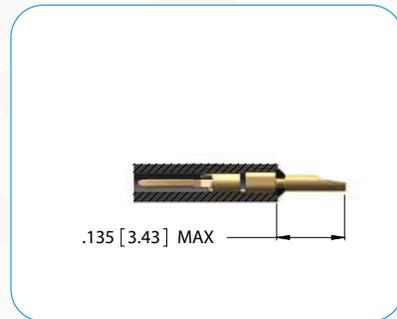
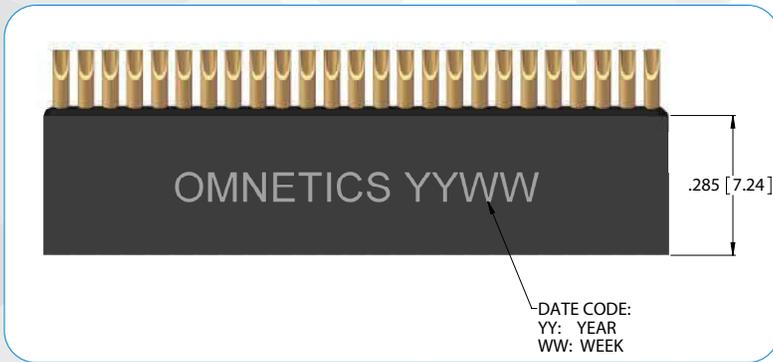
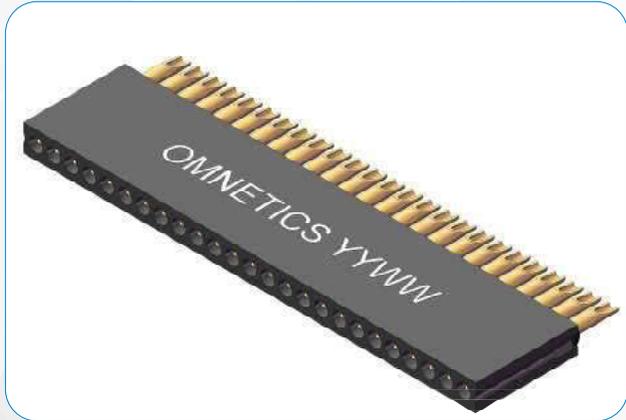
Single Row Micro Strip

SOLDER CUP (TYPE SS) ORDERING GUIDE

SERIES	# OF CONTACTS	TERMINATION TYPE	COMMON OPTIONS
PS1 PIN CONNECTOR Standard: .075" thick	02 - 48	SS	G GUIDE POST/HOLE GS MULTIPLE GUIDE POSTS/HOLES
PS2 PIN CONNECTOR .100" thick			LE LATCH (END MOUNT) LES MULTIPLE LATCHES (END MOUNT)
SSB SOCKET CONNECTOR			LT LATCH (TOP MOUNT) LTS MULTIPLE LATCHES (TOP MOUNT)
EXAMPLES:			M MOUNTING HOLE
			HT HIGH TEMP
			RoHS RoHS COMPLIANT
			
 PS1-10-SS-LT	 SSB-24-SS-LT		
 SSB-24-SS-LE	 SSB-17-SS-M-GS		

Single Row Micro Strip

PS1/PS2-SS LAYOUT



DIMENSIONS FOR "A"

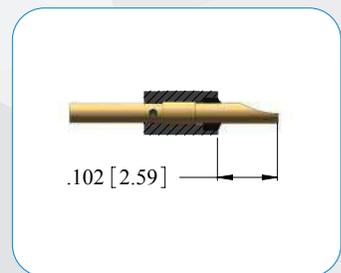
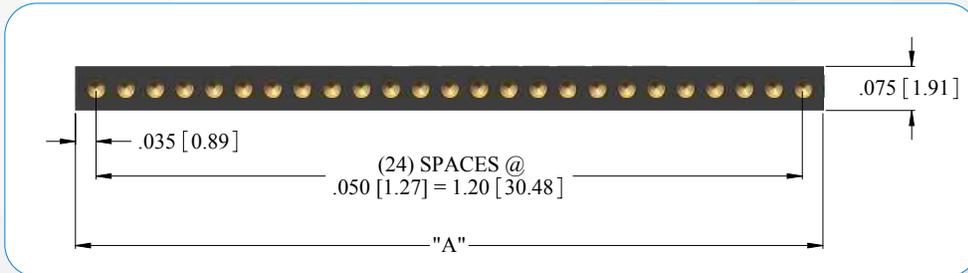
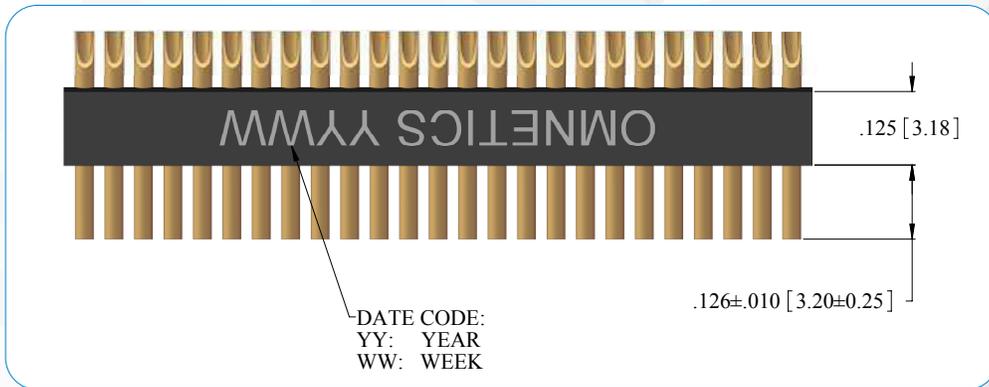
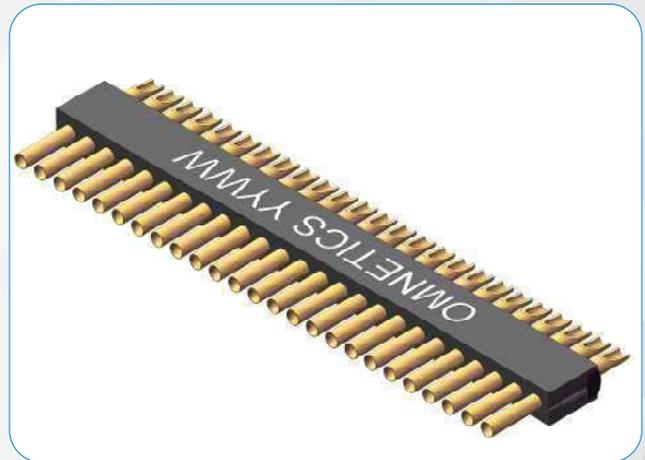
To determine connector length "A":

Add the total number of contacts	_____
Add 1 contact cavity for each latch	_____
Add 1 contact cavity for each guide post hole	_____
Total contact cavities	_____
Subtract 1 from the total to get the number of cavity spaces and multiply by .050"	_____
Add .150" (3 contact cavities) for each mounting hole	_____
Add fixed end length constant	.070"
Total Length (Dimension A)	_____

Notes: Maximum length for PS1 @ .075" thick 2.42" (61.47) Maximum number of contact cavities is 48. Maximum length for PS2 @ .100" thick 3.02" (76.71). Number of contacts must be reduced to accommodate hardware and mounting holes. Default locations for guide post holes and latches may be changed by customer. Dimensions in [] are in Millimeters unless otherwise noted and are for reference only.

Single Row Micro Strip

SSB-SS LAYOUT



DIMENSIONS FOR "A"

To determine connector length "A":	
Add the total number of contacts	_____
Add 1 contact cavity for each latch	_____
Add 1 contact cavity for each guide post	_____
Total contact cavities	_____
Subtract 1 from the total to get the number of cavity spaces and multiply by .050"	_____
Add .150" (3 contact cavities) for each mounting hole	_____
Add fixed end length	_____ .070"
Total Length (Dimension A)	_____

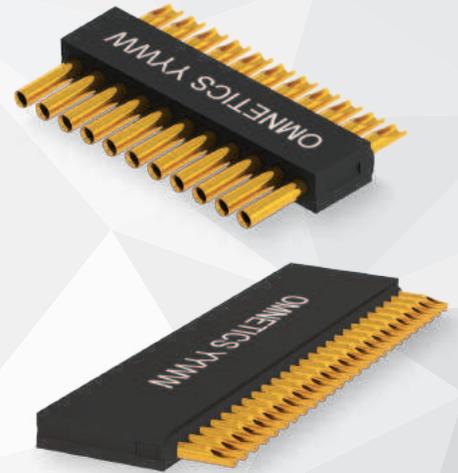
Notes: Maximum length 2.42" (61.47). Maximum number of contact cavities is 48. Number of contacts must be reduced to accommodate hardware and mounting holes. Default locations for guide posts and latches may be changed by customer. Dimensions in [] are in Millimeters unless otherwise noted and are for reference only.

Single Row Micro Strip

SOLDERCUP (TYPE SS)

Single Row Micro Strip connectors are available in soldercup configurations. The soldercup tails are commonly used within hand soldering applications, and/or specific wire based devices that require a small robust connector during one of the final phases of production. These connectors feature Omnetics' gold plated Flex Pin contact system that conforms to the requirements of MIL-DTL-83513.

Micro Strip connectors are available in standard sizes ranging from 2 through 48 positions as well as custom configurations and accept 26 AWG or smaller stranded wire.



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ELECTRO-MECHANICAL SPECS

- Durability: 2000 Cycles
- Temperature: -55°C to +125 °C (200 °C w/HTE)
- Current rating: 3 AMPs max per contact
- Voltage Rating (DWV): 600 VAC RMS Sea Level
- Insulation Resistance: 5000 Megohms min @ 500 VDC
- Shock: 50 g's discontinuity < 1 microsecond
- Vibration: 20 g's discontinuity < 1 microsecond
- Thermal Vacuum Outgassing: NASA SP-R-0022
- Contact Resistance: 26 Milliohms (65 mV max @ 2.5 amp)
- Mating/Unmating Force: 3 oz (85 g) typical per contact

MATERIAL SPECIFICATIONS

- Standard Socket Soldercup Termination: Hard Gold Plated per ASTM B488
- Standard Socket PCB Tail Termination: Soldered per J-STD-006 (Non-RoHS)
- Standard Soldercup Termination: Solder plated per AMS-P-81728 (Non-RoHS)
- RoHS Pin Soldercup Termination: Hard gold plated per ASTM B488
- RoHS Socket Soldercup Termination: Hard gold plated per ASTM B488

- Insulator: Polyphenylene Sulfide per MIL-M-24519
- Pin: Gold Plated BeCu
- Socket: Gold Plated Copper Alloy
- Encapsulant: Epoxy