

200SM Series | Surface Mount 800SM Series | DIP Sockets

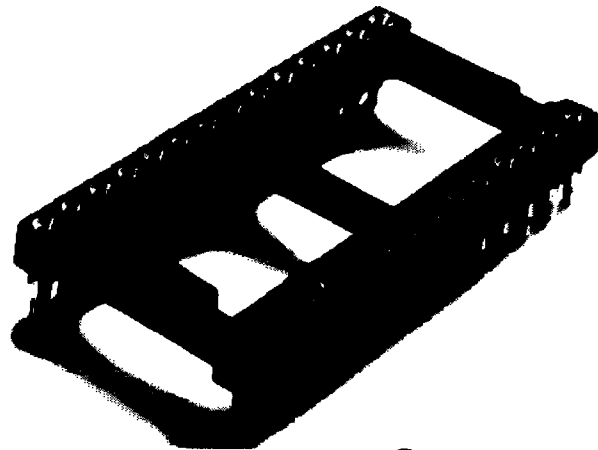
Augat offers two styles of surface mount sockets: The stamped single beam 200SM Series and the precision machined 800SM Series. Both series achieve compliancy to the board surface and are designed for high temperatures typical of vapor phase and infrared reflow soldering.

200SM Series

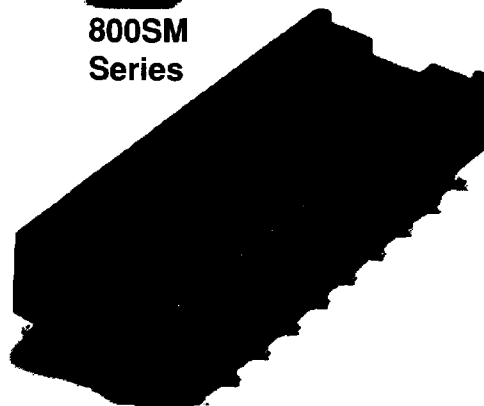
- "L" bent lead design achieves high compliancy to board surface.
- Single beam contact provides gas tight connection.

800SM Series

- "Butt" style terminals float in plastic housing for compliancy to board surface.
- Precision four-fingered inner contacts provide concentric funnel entry for easy flat or round insertion.



**800SM
Series**



**200SM
Series**

MATERIAL SPECIFICATIONS : 200 SM SERIES

INSULATOR	Thermoplastic Polyester Rated 94V-0
CONTACTS	Phosphor Bronze (Per QQ-B-750) Beryllium Copper (Per QQ-C-533)
PLATING	Tin/Lead (Per MIL-P-81728) 30μ" selective gold over Nickel on contact surface (Per MIL-G-45204), Tin/Lead on Solder Tail

MATERIAL SPECIFICATIONS : 800SM SERIES

INSULATOR	Thermoplastic Polyester Rated 94V-0
CONTACTS	Beryllium Copper 30μ", Gold over Nickel , or Tin/Lead plated.
OUTER SLEEVE ..	Brass (Per QQ-B-626) Tin/Lead (Per MIL-P-81728)

PERFORMANCE CHARACTERISTICS

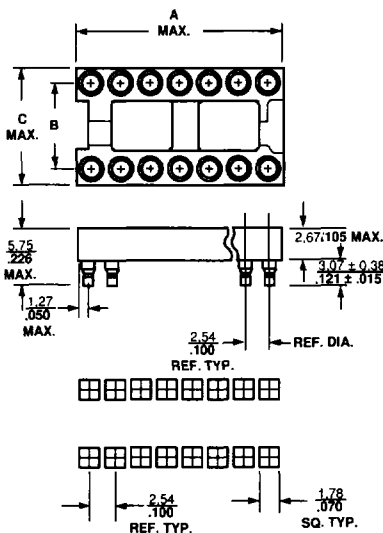
Single Beam Stamped Contact (200 SM) pg. H6
Economy Series Contact (800 SM) pg. H7

200SM Series & 800SM Series

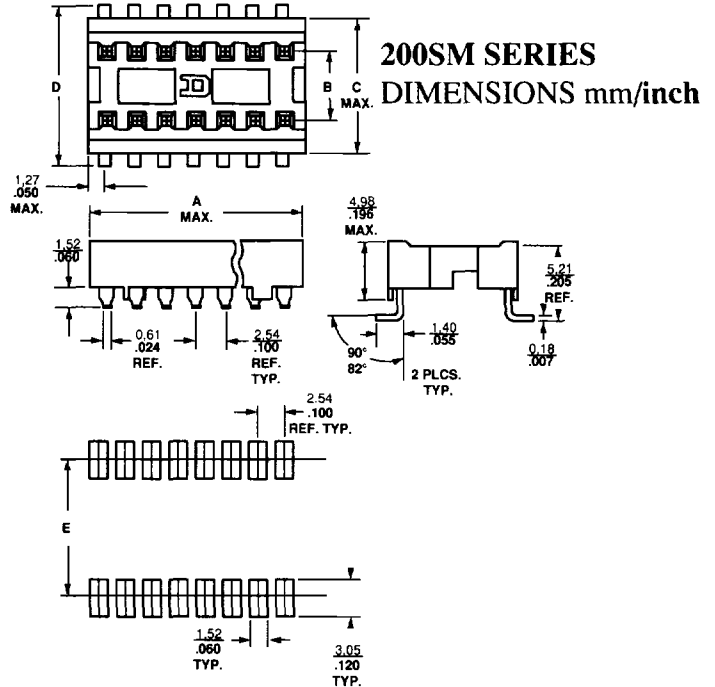
STANDARD CONFIGURATIONS

200 SM	800 SM	A	B	C	D	E
NO. OF CONTACTS						
8	8	10.16 .400				
14	14	17.78 .700				
16	16	20.32 .800				
18	18	22.86 .900	7.62	10.16	10.41	9.01
20	20	25.40 1.000	.300	.400	.410	.355
22	—	27.94 1.100				
*24	*24	30.48 1.200				
*28	—	35.56 1.400				
—	22	27.94 1.100	10.16	12.70	12.95	—
—	**24	30.48 1.200	.400	.500	.510	—
24	24	30.48 1.200				
28	28	35.56 1.400				
32	32	40.64 1.600				
—	36	45.72 1.800	15.24	17.78	18.03	16.62
40	40	50.80 2.000	.600	.700	.710	.655
42	42	53.34 2.100				
48	48	60.96 2.400				
—	64	81.28 3.200	22.86	25.40	25.65	—
			.900	1.000	1.010	

800SM SERIES DIMENSIONS mm/inch

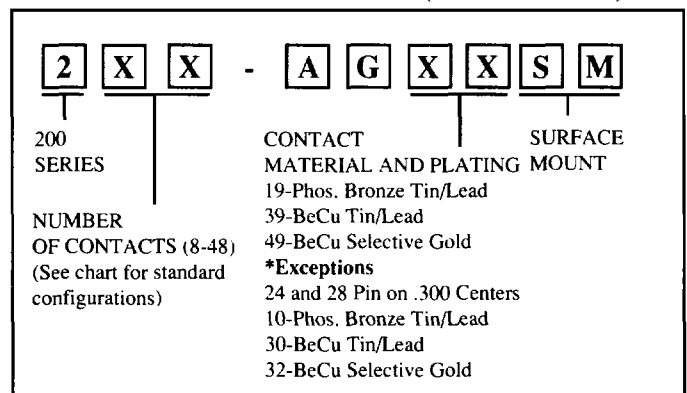


RECOMMENDED PAD LAYOUT



RECOMMENDED PAD LAYOUT

PART NUMBER EXAMPLE (218-AG19SM)



PART NUMBER EXAMPLE (814-AG11SM)

