



Series X538 SOJ J-lead Surface Mount Sockets

FEATURES:

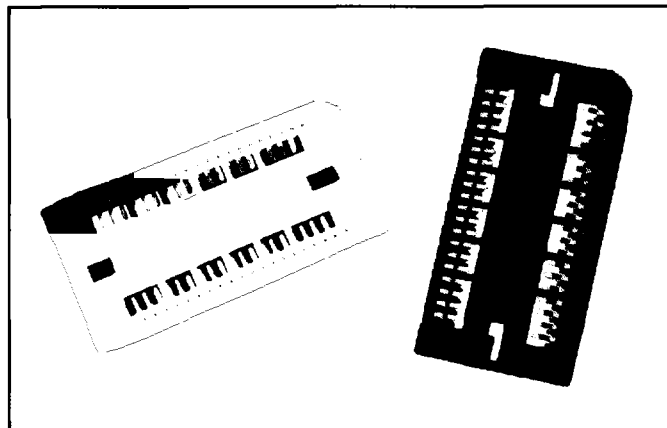
- Allows SOJ packaged devices to be socketed for easy removal.
- Open body for easy surface mount solder joint inspection.

SPECIFICATIONS:

- Body is black UL 94V-0 Nylon 6T.
- Contacts are Phosphor Bronze.
- Contact plating is 100μ [2.54μm] min. 90/10 Tin/Lead over Nickel.
- Contact current rating=1 Amp.
- Contact resistance=20 mOhms.
- Operating temperature=-67°F to 221°F [-55°C to 105°C].
- Insulation resistance=10,000 MOhms min. initial.
- Withstanding voltage=500 VAC min. for 1 minute.
- Normal Force=200 grams/contact min.
- Max. processing temperature=446°F [230°C] for 30 sec.
- Durability: 40 cycles.

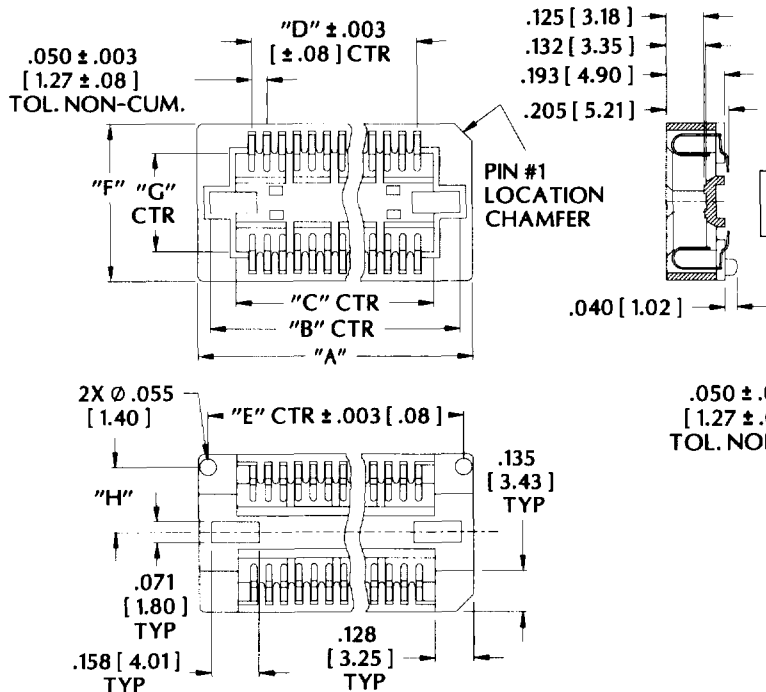
MOUNTING CONSIDERATIONS:

- See suggested PCB layout below.



Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ALL DIMENSIONS: INCHES [MILLIMETERS]

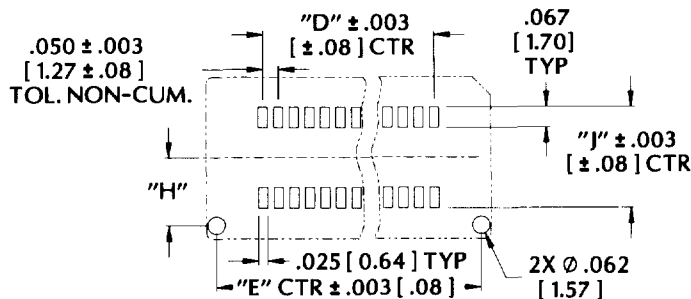


ORDERING INFORMATION

See table for part numbers

All tolerances ± .005 [.13] unless otherwise specified

SUGGESTED PCB LAYOUT



Part No.	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "E"	Dim. "F"	Centers "G"	Dim. "H"	Dim. "J"
24-S538-00	.913 [23.20]	.831 [21.10]	.657 [16.70]	.550 [13.97]	.850 [21.59]	.528 [13.40]	.331 [8.40]	.220 [5.59]	.330 [8.38]
26-S538-00	.963 [24.46]	.876 [22.26]	.708 [17.98]	.600 [15.24]	.900 [22.86]	.528 [13.40]	.331 [8.40]	.220 [5.59]	.330 [8.38]
28-S538-00	1.017 [25.82]	.930 [23.62]	.758 [19.26]	.650 [16.51]	.950 [24.13]	.528 [13.40]	.331 [8.40]	.220 [5.59]	.330 [8.38]
28-L538-00	1.013 [25.74]	.930 [23.62]	.758 [19.26]	.650 [16.51]	.950 [24.13]	.630 [16.00]	.429 [10.90]	.270 [6.86]	.432 [10.97]
32-S538-00	1.113 [28.26]	1.030 [26.16]	.858 [21.80]	.750 [19.05]	1.050 [26.67]	.528 [13.40]	.331 [8.40]	.220 [5.59]	.330 [8.38]
40-L538-00	1.314 [33.38]	1.231 [31.26]	1.034 [26.26]	.950 [24.13]	1.250 [31.75]	.630 [16.00]	.429 [10.90]	.270 [6.86]	.432 [10.97]



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