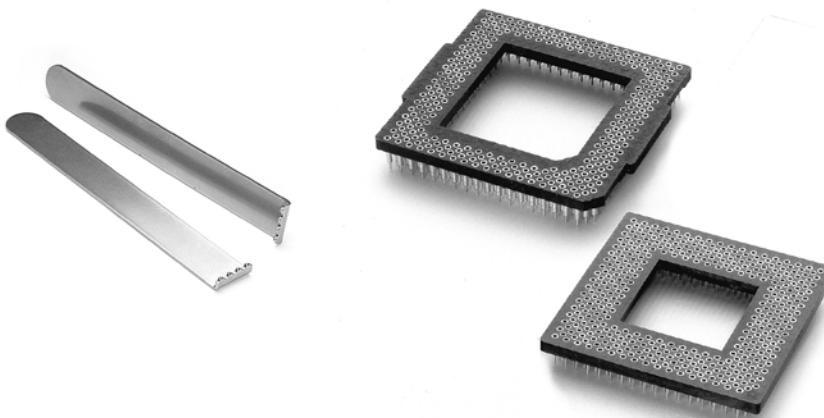




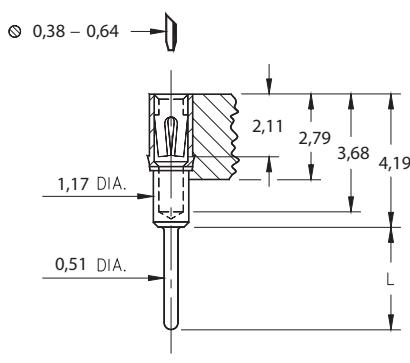
**PIN GRID ARRAY SOCKETS**  
**Optional Tabs for Clip-on Heatsink\*\***  
**Interstitial Pattern**

Series 518

- Series 518 Interstitial PGA sockets are available with and without tabs for clip-on heatsinks.
- Mill-Max #43, "Ultra-Lite" contact standard, see page 209 for details.
- Hi-Temp PCT polyester insulator material suitable for all forms of soldering.
- A pry-bar tool is available for extraction (part # 828-01-010).



**SOLDER TAIL SOCKET PIN  
(Without Heatsink Tabs)**

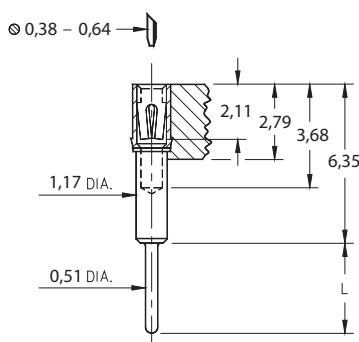


Pin Type

02	For L = 3,18
03	For L = 3,68
08	For L = 2,54

PIN 08 IS USED EXCLUSIVELY IN CERTAIN PATTERNS. SEE CHART "A".

**SOLDER TAIL SOCKET PIN  
(With Heatsink Tabs)**



Pin Type

04	For L = 2,03
06	For L = 2,92

PIN 08 IS USED EXCLUSIVELY IN CERTAIN PATTERNS. SEE CHART "A".

**Ordering Information**

Interstitial configurations are a 2,54 grid pattern overlapped with a second, staggered 2,54 grid pattern thus doubling the package density of the socket.

1. Locate interstitial footprint pattern from pages 107 to 111, the middle 8 digits of the part number will be located under the pattern.
2. Specify 2-digit plating code from chart at bottom of page.
3. Determine the last 2 digits of part number from the pin type at left. For sockets with heatsink tabs, see chart "A" below for pin options.

Series	Plating Code	Window	Pin Type
5 1 8	- □ □ - □ □ □ - □ □ - □ □ □ 0 □ □	No. of pins	Grid size

Determined from footprint pattern pages 107 to 111

**CHART A**

FOOTPRINT PATTERN	HEATSINK MFG.	PIN TYPE
296-19-126	THERMALLOY	04, 06
296-19-127	THERMALLOY	04, 06
320-19-126	THERMALLOY	04, 06
296-19-128	WAKEFIELD	04, 06
296-69-129008	SEE NOTE**	08 ONLY
320-69-129008	SEE NOTE**	08 ONLY
387-01-016508	SEE NOTE**	08 ONLY

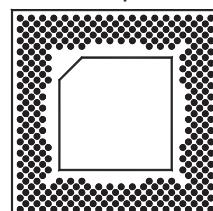
**NOTE\*\***

Designed to work with:  
**THERMALLOY**  
**WAKEFIELD**  
**AAVID**  
**IERC**  
heatsinks & clips.

EXAMPLE OF COMPLETE PART NUMBER:

518-43-325-18-105003

This is a 325 pin interstitial (11x11 grid) insulator with a 2,54 square window and fitted with standard solder tail receptacles. Pin sleeve is tin plated, inner contacts are Mill-Max #43 and are plated 0,76  $\mu$  gold.



SPECIFY PLATING CODE XX=	13 ◇	93	43 ◇	
Sleeve (Pin)	0,25 $\mu$ Au	5,08 $\mu$ m Sn/Pb	5,08 $\mu$ m Sn	
Contact (Clip)	0,76 $\mu$ Au	0,76 $\mu$ Au	0,76 $\mu$ Au	