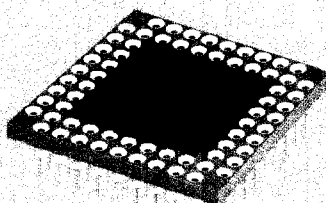
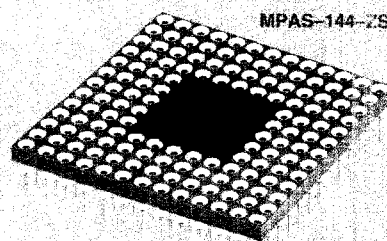




Except MSAS 3 days



MPAS-068-ZSGT-11



MPAS-144-ZSGT-13

PIN GRID ARRAY SOCKETS

Mates with:
MPAT, MVAT, MHAT,
MSAT

Specifications: MPAS, MVAS

Insulator Material: Black Glass Filled Polyester

Operating Temp Range: -65°C to +105°C with Tin -65°C to +125°C with Gold

Plating: Au over 50µ" (1.27µm) Ni or Sn over 100µ" (2.58µm) Cu or 50µ" (1.27µm) Ni

Current Rating: 1A

Contact: BeCu

Shell: Brass except Style K Phosphor Bronze

Contact Resistance: 10mΩ max

Lead Size Range: .015" (0.38mm) to .022" (0.56mm) DIA except Style ZL = .015" (0.38mm) to .020" (0.51mm) DIA; ZM = .016" (0.41mm) to .021" (0.53mm) DIA; ZN = .016" (0.41mm) to .020" (0.51mm) DIA

Insertion Force: Style ZU = 1.5oz (0.42N) max, all others = 2.5 oz (0.69N) avg, 5.5 oz (1.53N) max, except Styles J & K = 9 oz (2.50N) avg, 16 oz (4.45N) max

Withdrawal Force: Style ZU = 1.5oz (0.42N) max, all others 2.0 oz (0.56N) avg, 0.35 oz (0.97N) min except Styles J & K = 2.5 oz (0.69N) avg, 1.5 oz (0.42N) min

Specifications: MSAS

Same as MPAS except:
Insulator Material: Black Liquid Crystal Polymer

Max Processing Temp: 230°C for 30 to 60 seconds

Specifications: MHAS

Same as MPAS except:
Insulator Material: Black High Temp. Plastic

BODY STYLE	PIN COUNT	LEAD STYLE	PLATING OPTION	PIN OUT CODE	OPTION
MPAS - Standard Polyester	- "XXX" = Total Number Of Filled Positions	GG = 30µ" (0.76µm) Gold Contact 10µ" (0.25µm) Gold Shell	GG = 30µ" (0.76µm) Gold Contact 200µ" (5.08µm) Tin Shell		-2 = (9,14), 360 Wire-Wrap (-ZW Only)
MVAS - Open Body Polyester		GT = 30µ" (0.76µm) Gold Contact 200µ" (5.08µm) Tin Shell			-3 = (6,60), 260 Wire-Wrap (-ZW Only)
MSAS - Hi-Temp LCP Open Body		TT = 200µ" (5.08µm) Tin Contact and Shell (Styles -ZS & ZW Only)			-L = Locking Socket (-ZS Only)
MHAS = Low Profile		ST = 10µ" (5.08µm) Gold Contact 200µ" (5.08µm) Tin Shell (Style -ZS only)			Requires GT Plating Option



Lead Style	X DIA	Y TAIL	Z OAL
-ZS, -ZU	0.51 0.20	3.18 .325	7.62 .300
-ZA	0.51 0.20	4.57 .190	8.89 .350
-J	0.64 0.25	10.41 .410	15.24 .600
-K	0.89 0.35	12.99 .510	17.82 .700

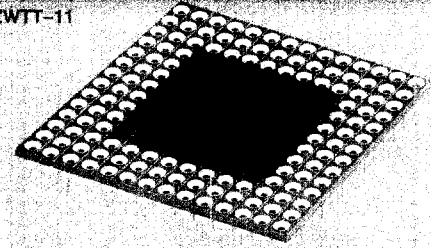
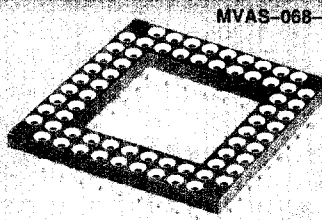
Lead Style	X DIA	W TAIL	Y	Z OAL
-ZE	0.51 0.20	4.30 .175	8.89 .349	13.75 .544
-ZH	0.48 0.18	3.81 .150	10.41 .410	15.24 .600

Lead Style	X DIA	W HEAD	Y	Z OAL
-ZN	0.76 0.30	0.51 .200	2.13 .850	4.83 .190
-ZC	0.74 0.29	0.25 0.10	2.13 .850	4.19 .165

Lead Style	W HEAD	Z OAL
-ZP	0.25 0.00	5.08 2.00
-ZT	0.25 0.00	4.24 1.67

Note: Some sizes, styles and options are non-standard, non-returnable.

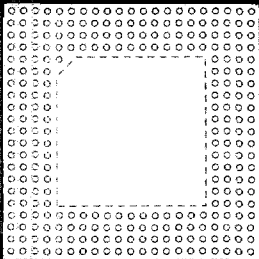
MVAS-068-ZWTT-11



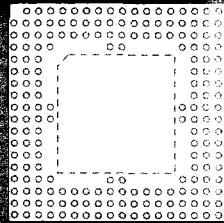
MHAS-108-ZNGT-12

MORE STANDARD PRODUCTS AVAILABLE
CALL SAMTEC

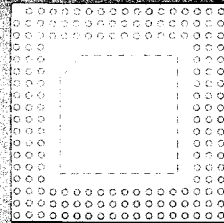
-21 = 273 Pins



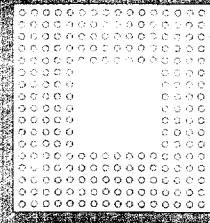
-18 = 191 Pins



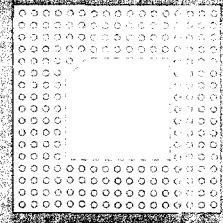
-18 = 179 Pins



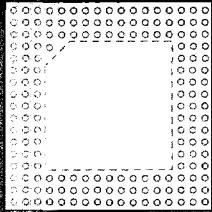
-17 = 240 Pins



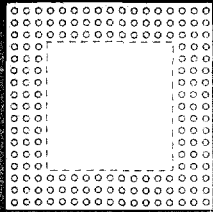
-17 = 209 Pins



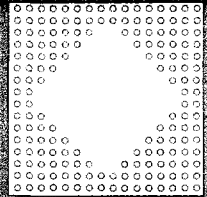
-17 = 169 Pins



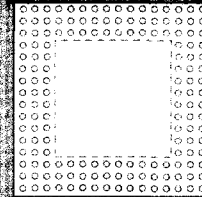
-17 = 168 Pins



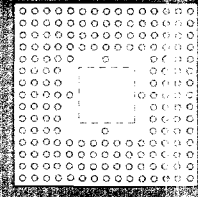
-16 = 172 Pins



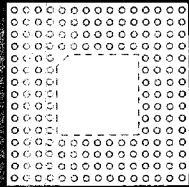
-16 = 156 Pins



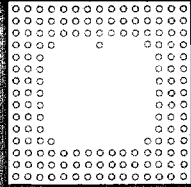
-15 = 181 Pins



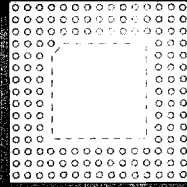
-15 = 176 Pins



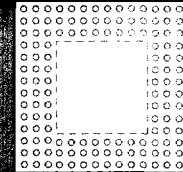
-15B = 149 Pins



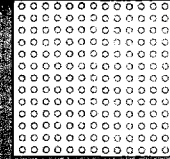
-15 = 145 Pins



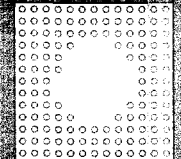
-14 = 132 Pins



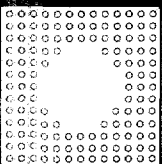
-13 = 169 Pins



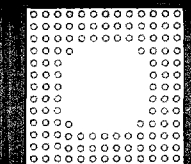
-13A = 133 Pins



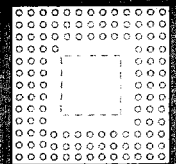
-13B = 132 Pins



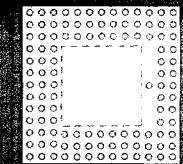
-13A = 124 Pins



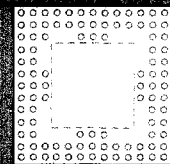
-13A = 121 Pins



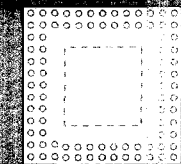
-13 = 114 Pins



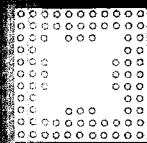
-13 = 101 Pins



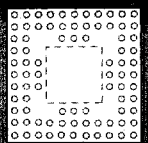
-13 = 088 Pins



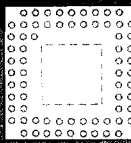
-11 = 085 Pins



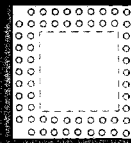
-11C = 084 Pins



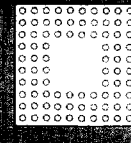
-11 = 069 Pins



-11 = 068 Pins



-10 = 084 Pins



-10 = 068 Pins

