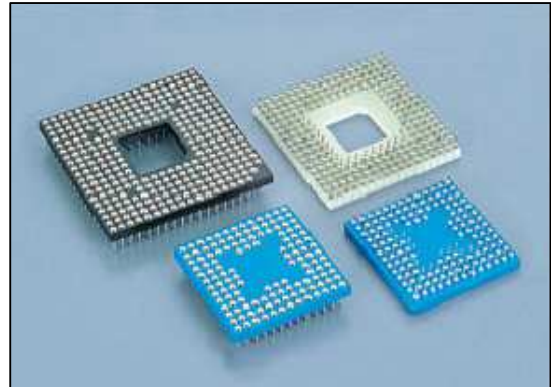




PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION :PIN GRID ARRAY SOCKETS

PART NO: PGA SERIES
(REFER TABLE)



DIMENSION WITH n_1 =NUMBER OF CONTACTS IN ONE LINE($5 \leq n_1 \leq 21$)
AND n_2 =CHARACTERISTIC SIZE OF THE WINDOW($3 \leq n_2 \leq 10$)

THE DIMENSIONS CAN BE CALCULATED:

–FOR MOULDED

POLYESTER BODIES

$$A = n_1 \times 2.54$$

$$B = (n_1 - 1) \times 2.54$$

$$C = (n_2 \times 2.54) - 0.40$$

–FOR MACHINED

GLASS EPOXY BODIES

$$A = n_1 \times 2.54 + 1.27$$

$$B = (n_1 - 1) \times 2.54$$

$$C = (n_2 \times 2.54) - 0.40$$

INSULATOR THICKNESS:

–FOR MOULDED

POLYESTER BODIES

$$2.8^{+0.1}_{-0.3} \text{ mm}$$

–FOR MACHINED

GLASS EPOXY BODIES

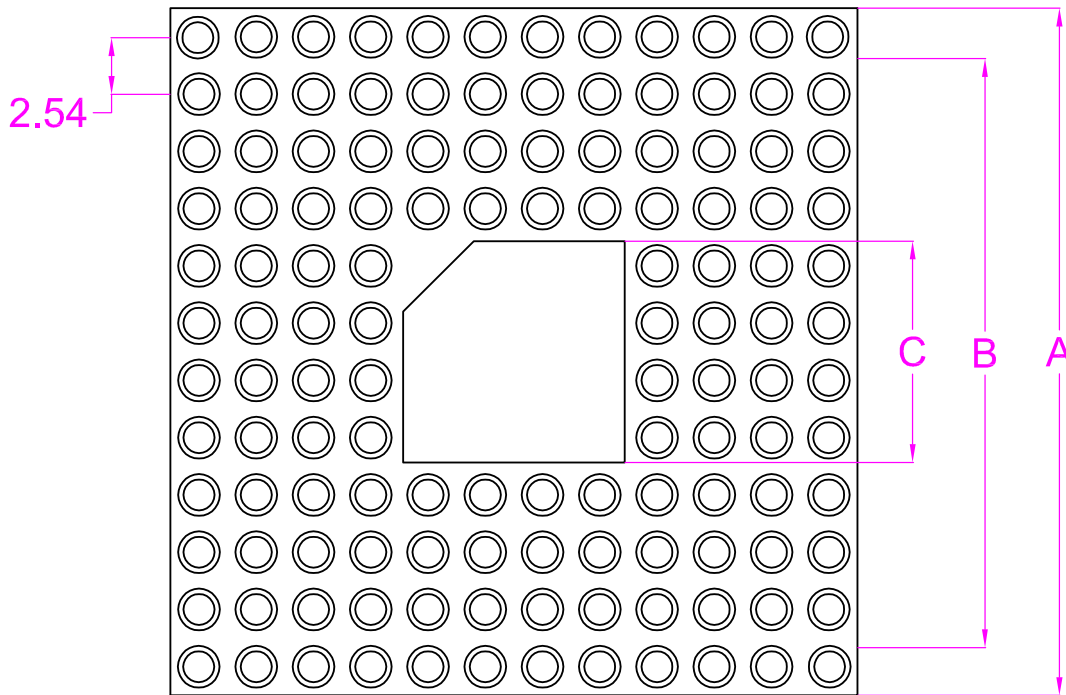
$$1.6 \pm 0.1 \text{ mm}$$



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : PIN GRID ARRAY SOCKETS

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ORDERING INFORMATION

PX PGA SOCKET SERIES	XX GRID SIZE SPACING	XXX NUMBER OF CONTACTS	X SIZE OF WINDOW	X TAIL TYPE	X PLATING	
					INNER CLIP	OUTER SLEEVE
A-GRID ARRAY SKT POLYESTER INSULATOR	05=5x5 06=6x6 07=7x7 08=8x8	025 to 999	A=NO WINDOW B C D E F G H I J K L M	A=SOLDER PIN 3mm TAIL, ACCEPTS $\varnothing 0.7-\varnothing 0.8$ mm B=INTERCONNECT PIN L=15.2mm C=INTERCONNECT PIN L=18.8mm D=PGA SOLDER PIN 3.20mm TAIL E=PGA SOLDER PIN 4.2mm TAIL F=3 LEVEL PGA W/W G=SOLDER PIN 3.9mm TAIL 5=ADAPTOR PIN*	1=0.25 μ Au 2=0.75 μ Au 3=5 μ Sn 4=0.75 μ Au	5 μ Sn 5 μ Sn 5 μ Sn 0.25 μ Au
H-GRID ARRAY SKT GLASS EPOXY INSULATOR	09=9x9 10=10x10 11=11x11 12=12x12 13=13x13 14=14x14					
F-GRID ARRAY SKT STAGGERED CONTACTS GLASS EPOXY INSULATOR	15=15x15 16=16x16 17=17x17 18=18x18 19=19x19 20=20x20 21=21x21					
G-GRID ARRAY SKT ZIG ZAG TYPE 1.6mm THICKNESS				*-NOT AVAILABLE ON HIGH DENSITY STAGGERED PGA SOCKET VERSION	*-FOR TYPE 5 PIN 1=5 μ Sn 4=0.25 μ Au	

A	ORIGINAL						
REV.	DESCRIPTION			DRN. BY	DATE	CK'ED BY	APP'D BY
Projection: 		Scale: NTS	Sht. Size: A4	Gen. Tol.: ± 0.1 mm	ALL DIMENSIONS ARE IN MM. IF UNLESS OTHERWISE SPECIFIED.		