

Specifications

Insulation Resistance:	10 ¹² Ω min.
Withstanding Voltage:	1,000V _{RMS} for 1 minute
Contact Resistance:	10mΩ max. at 10mA / 20mV
Current Rating:	1A max.
Operating Temperature Range:	-55°C ~ +125°C
Acceptable Pin Diameter:	0.46 ± 0.05
Mating Cycles:	100 insertions min.

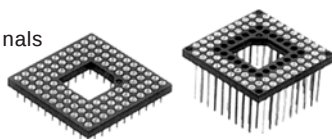
Materials and Finish

Housing: PCT, 30% Polyester, glass filled UL94V-0
 Contact: Inner clip – Beryllium Copper (BeCu), Au over Ni (2-3μm)
 Outer sleeve – Machined Brass, Sn over Ni (2-3μm)



Features

- Round tail production PGA sockets with Solder Dip or Wire Wrap terminals
- Best solder ability due to stand-offs
- Low insertion and extraction force, due to 6 contacting leaves per pin
- Any contact pattern available
- Grid sizes >22 x 22 on request



Part Number (Details)

YED122 – 064 10 – 0 B S *

Series No.

No. of Contact Pins

Grid

Design No.

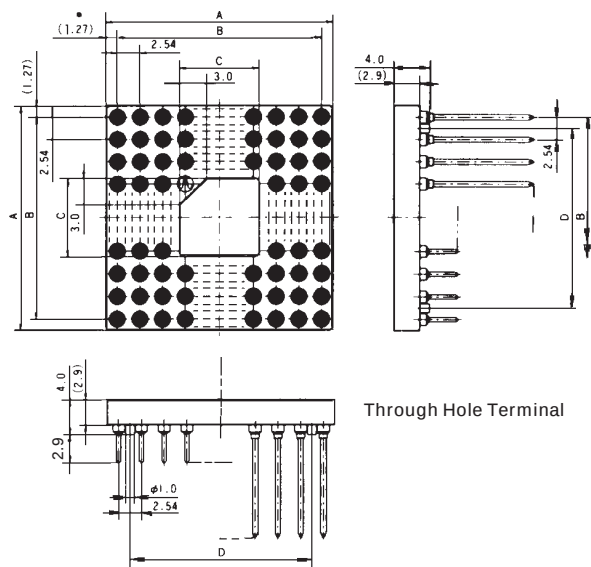
Inner Contact Plating B = Gold

Outer Sleeve Plating S = Sn over Ni

Terminal Structure

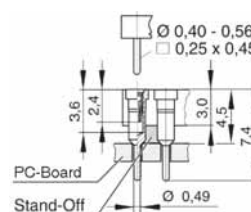
- 1 = Straight Wire Wrapping Type (L=6.6mm)
- 2 = Straight Wire Wrapping Type (L=9.5mm)
- 4 = Straight Solder Dip Type (L=2.9mm)

Outline Socket Dimensions

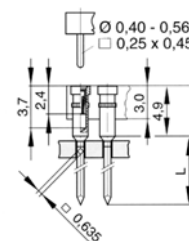


Contact Position Detail

Through Hole Terminal

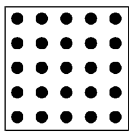
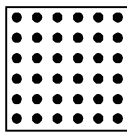
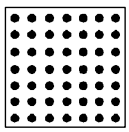
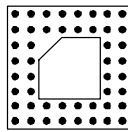
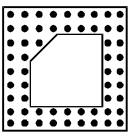


Wire Wrapping Terminal

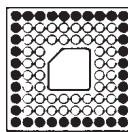
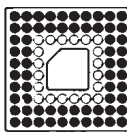
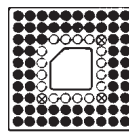
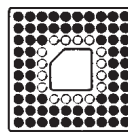
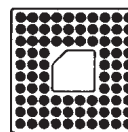


Grid Size	Pin Count	A	B	C	D
5 x 5	25	12.62	2.54x4=10.16	–	–
6 x 6	36	15.16	2.54x5=12.70	–	–
7 x 7	49	17.70	2.54x6=15.24	–	–
8 x 8	49	20.24	2.54x7=17.78	10.16	–
9 x 9	56	22.78	2.54x8=20.32	12.70	–
10 x 10	84	25.32	2.54x9=22.86	10.16	20.32
11 x 11	96	27.86	2.54x10=25.40	12.70	22.86
12 x 12	128	30.40	2.54x11=27.94	8.89	25.40
13 x 13	144	32.94	2.54x12=30.48	11.43	27.94
14 x 14	160	35.48	2.54x13=33.02	13.97	30.48
15 x 15	200	38.02	2.54x14=35.56	11.43	33.02
17 x 17	240	43.10	2.54x16=40.64	17.78	38.10
18 x 18	288	45.64	2.54x17=43.18	15.24	40.64
19 x 19	336	48.18	2.54x18=45.72	11.43	43.18
20 x 20	364	50.72	2.54x19=48.26	13.97	45.72
21 x 21	441	53.26	2.54x20=50.80	–	–
22 x 22	484	55.80	2.54x21=53.34	–	–

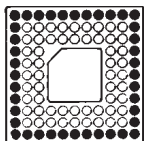
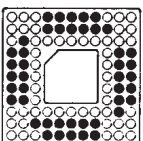
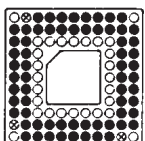
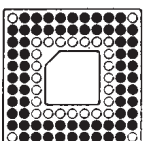
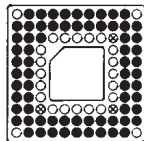
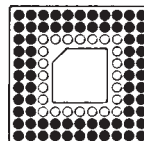
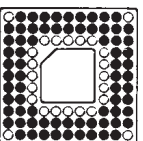
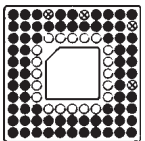
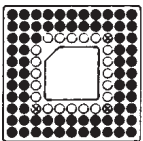
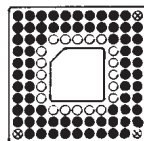
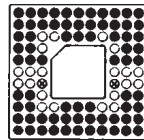
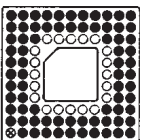
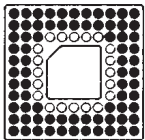
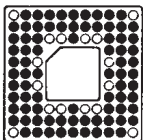
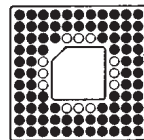
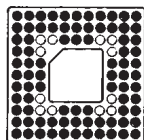
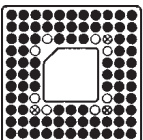
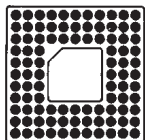
Grid Size 5 x 5 / 6 x 6 / 7 x 7 / 8 x 8 / 9 x 9 (reference only)

YED122-02505-0BS  5 x 5	YED122-03606-0BS  6 x 6	YED122-04907-0BS  7 x 7	YED122-04908  8 x 8	YED122-05609-0BS  9 x 9
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Grid Size 10 x 10

YED122-03610-0BS 	YED122-06410-0BS 	YED122-06510-0BS 	YED122-06810-0BS 	YED122-08410-0BS 
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Grid Size 11 x 11

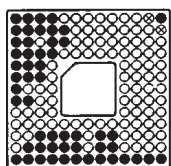
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YED122-07211-0BS 	YED122-07211-1BS 	YED122-07211-2BS 	YED122-07311-0BS 	YED122-07311-1BS 
YED122-07311-2BS 	YED122-07511-0BS 	YED122-07611-0BS 	YED122-08011-0BS 	YED122-08411-0BS 
YED122-08411-1BS 	YED122-08511-0BS 	YED122-09611-0BS 	Note: ● = Contact ⊗ = Polarity Key	

Grid Size 12 x 12 (reference only)

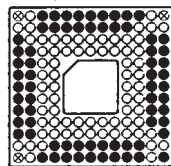
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YED122-08912-0BS	YED122-08912-1BS	YED122-08912-2BS	YED122-10712-0BS	YED122-10812-0BS
YED122-10912-0BS	YED122-11212-0BS	YED122-12812-0BS	Note: ● = Contact ⊗ = Polarity Key	

Grid Size 13 x 13 (reference only)

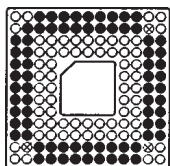
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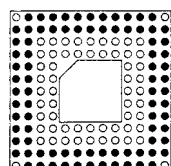
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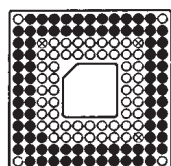
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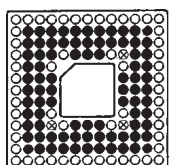
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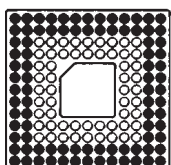
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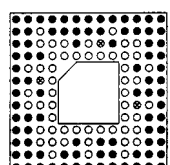
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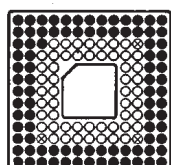
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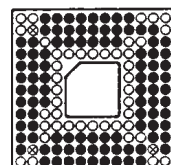
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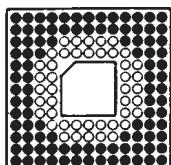
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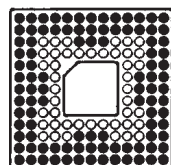
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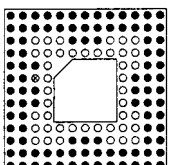
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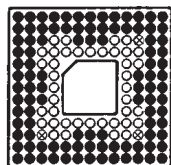
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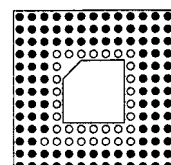
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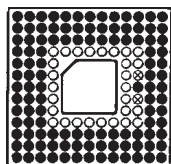
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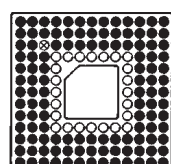
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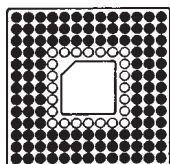
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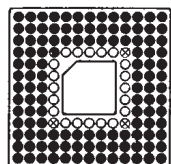
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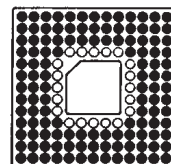
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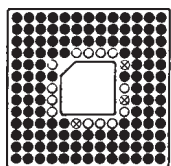
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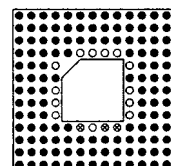
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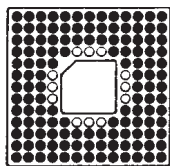
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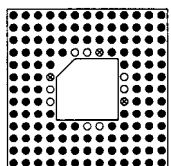
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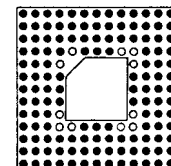
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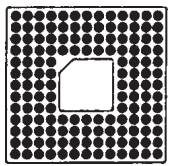
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YED122-13313-2BS



YED122-14413-0BS

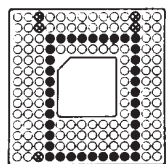
**Note:**

● = Contact

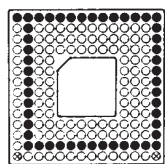
⊗ = Polarity Key

Grid Size 14 x 14 (reference only)

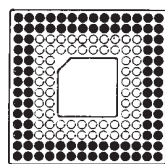
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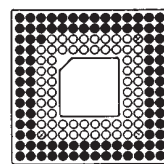
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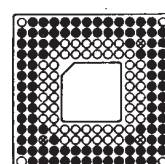
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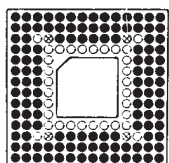
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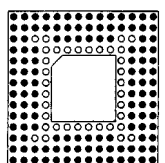
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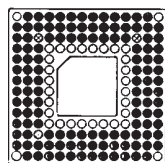
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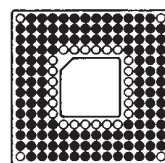
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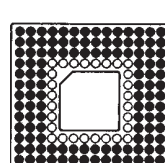
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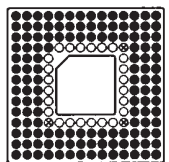
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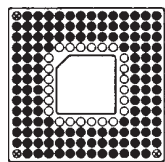
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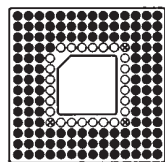
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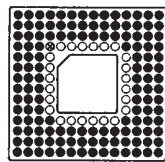
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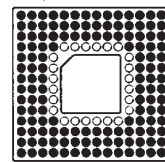
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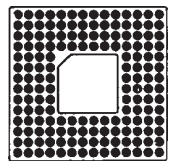
YED122-13514-0BS



YED122-13614-0BS



YED122-16014-0BS

**Note:**

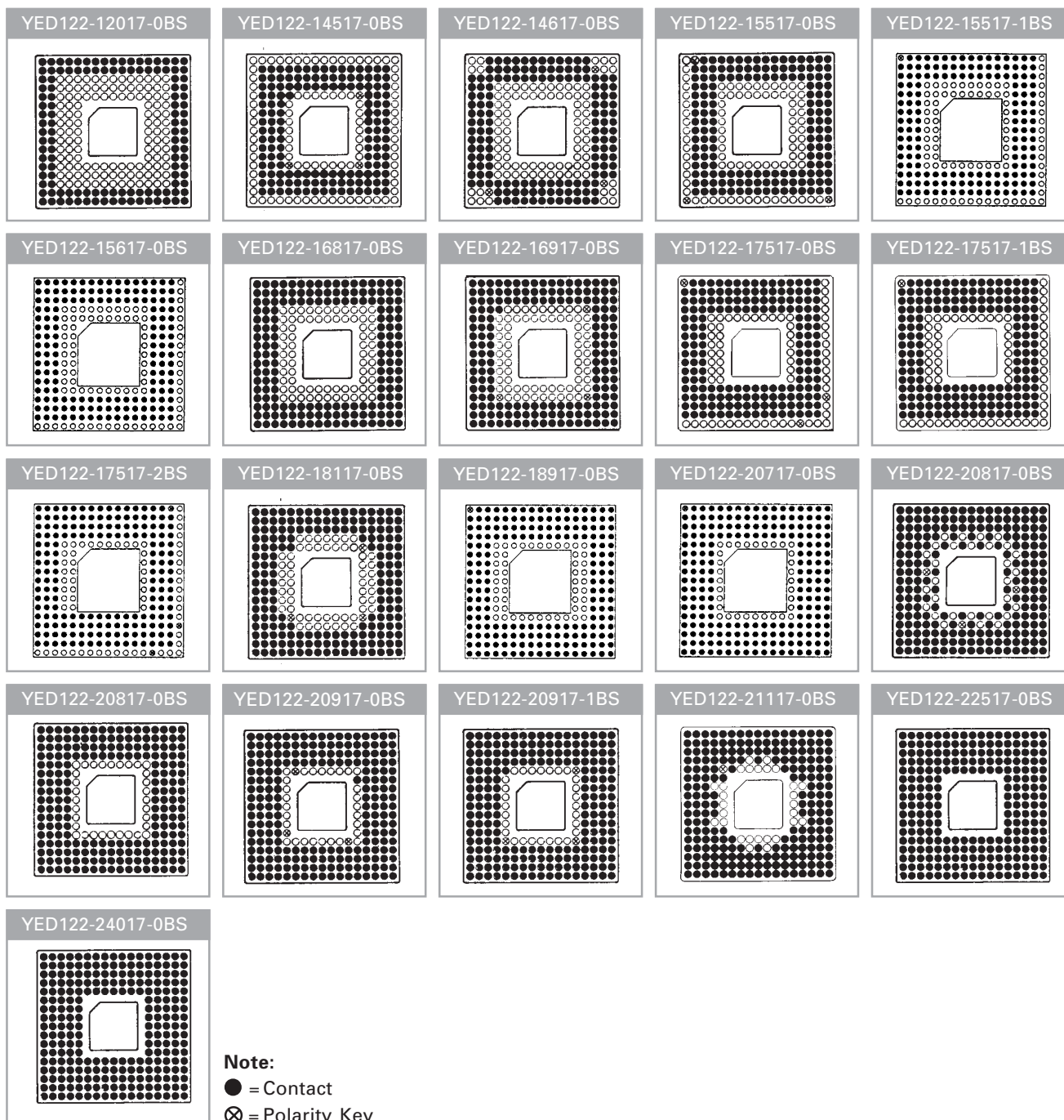
● = Contact

⊗ = Polarity Key

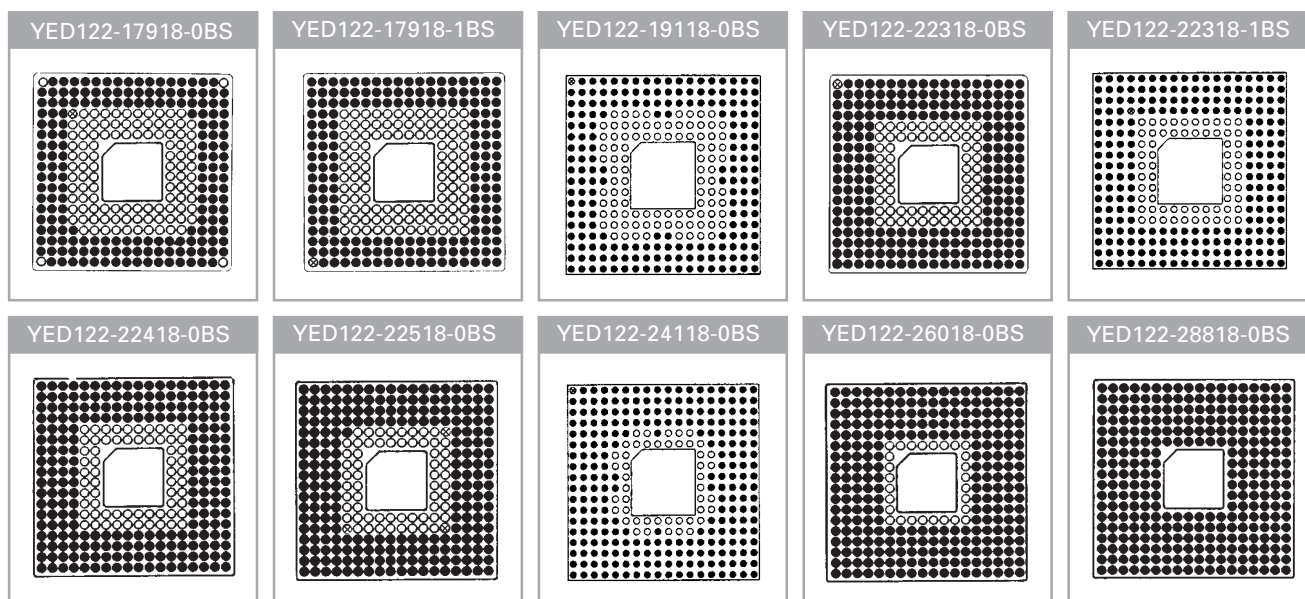
Grid Size 15 x 15 (reference only)

YED122-04615-0BS 	YED122-10015-0BS 	YED122-10515-0BS 	YED122-12115-0BS 	YED122-12515-0BS
YED122-14115-0BS 	YED122-14315-0BS 	YED122-14415-0BS 	YED122-14515-0BS 	YED122-14515-1BS
YED122-14615-0BS 	YED122-14915-0BS 	YED122-14915-1BS 	YED122-14915-2BS 	YED122-14915-3BS
YED122-15315-0BS 	YED122-15615-0BS 	YED122-16015-0BS 	YED122-17615-0BS 	YED122-17715-0BS
YED122-17915-0BS 	YED122-18015-0BS 	YED122-18015-1BS 	YED122-18115-0BS 	YED122-18215-0BS
YED122-20015-0BS 	Note: ● = Contact ⊗ = Polarity Key			

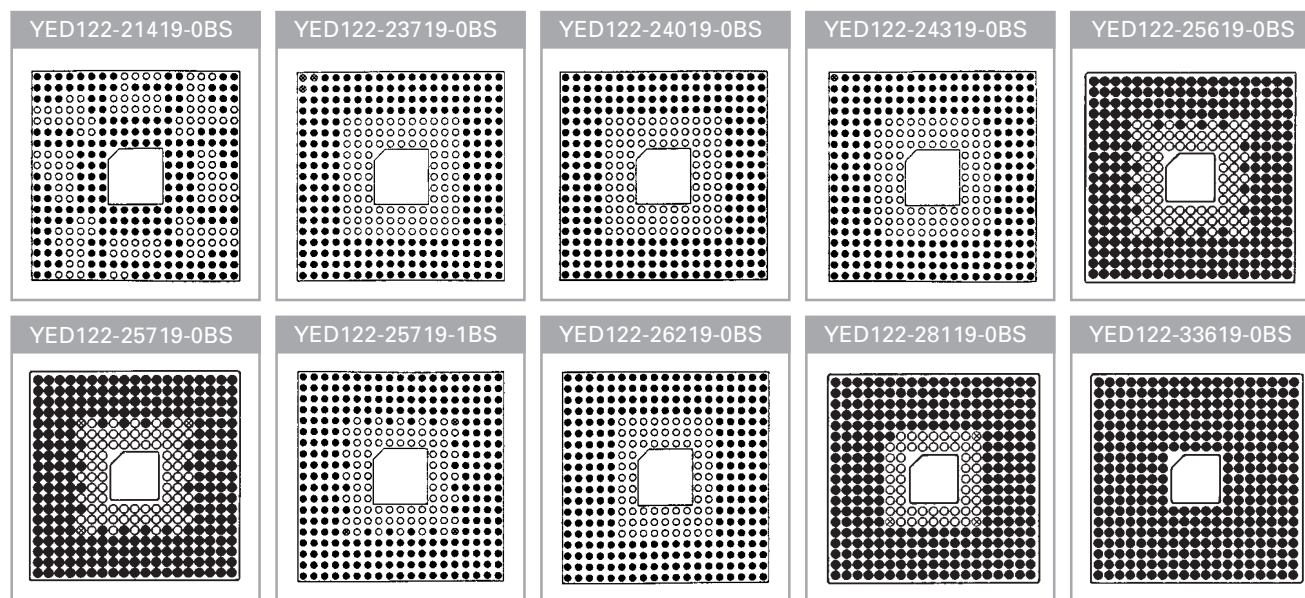
Grid Size 17 x 17 (reference only)



Grid Size 18 x 18 (reference only)



Grid Size 19 x 19 (reference only)

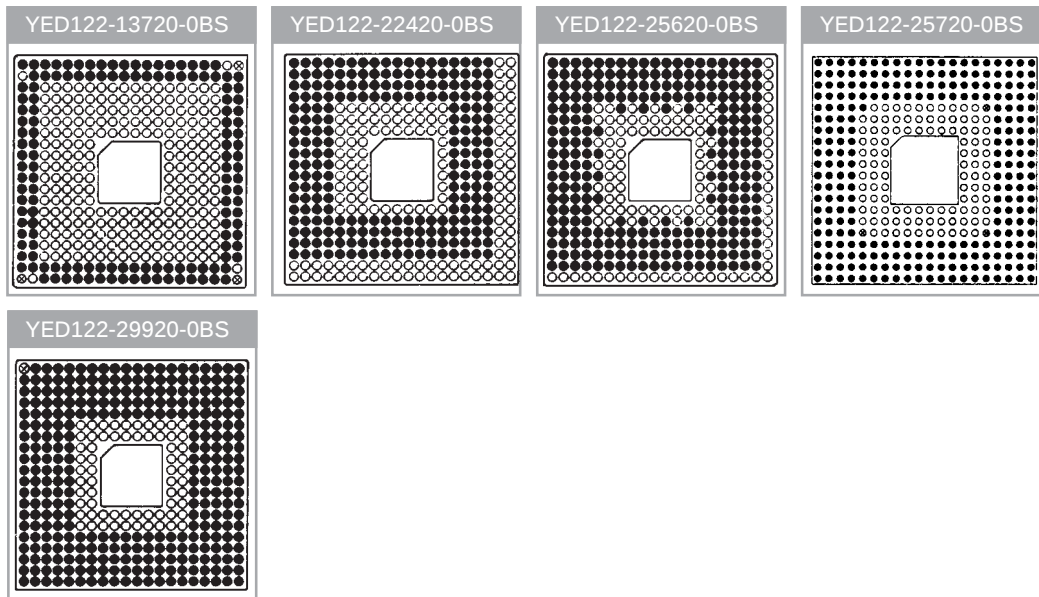


Note:

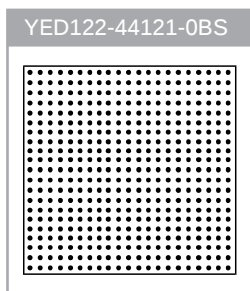
● = Contact

⊗ = Polarity Key

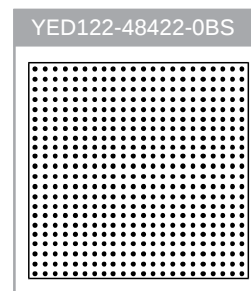
Grid Size 20 x 20 (reference only)



Grid Size 21 x 21 (reference only)



Grid Size 22 x 22 (reference only)



Note:
● = Contact
⊗ = Polarity Key