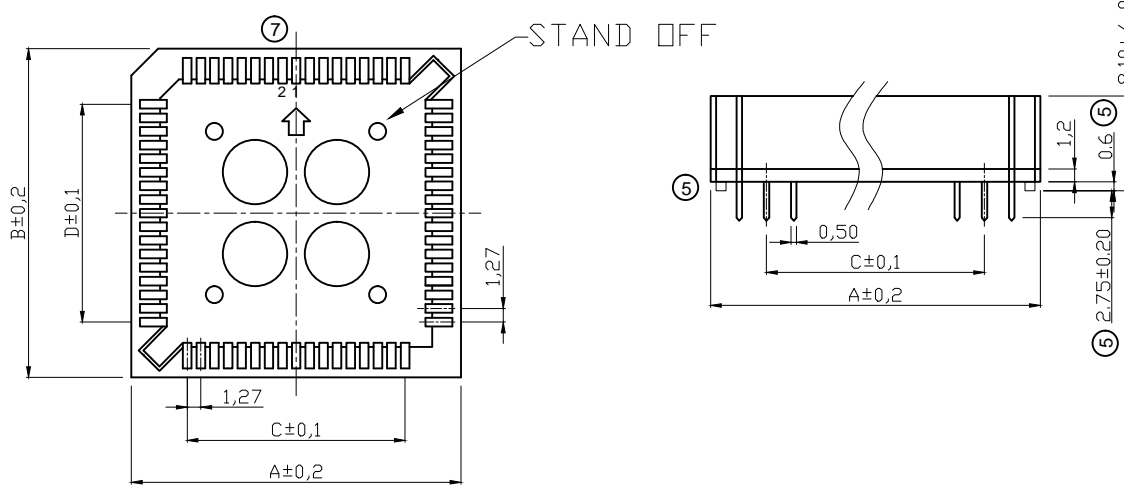


1 2 3 4 5 6 7

A
B
C
D
E
F
G
H

A
B
C
D
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G
H



Product Specification

Material

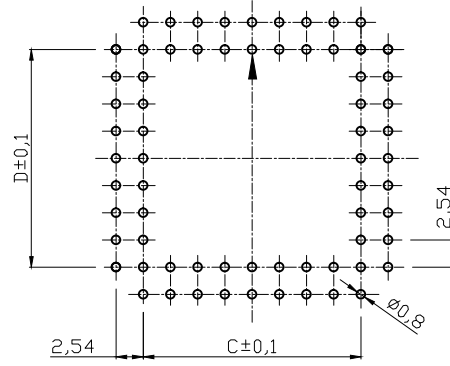
④ ③ ⑥ Contact : Phosphor Bronze, 0,25mm Thickness
Plated: Matted Tin Plated 80~120u" up over 30~50u" Nickel (Lead Free)

MECHANICAL PERFORMANCE:

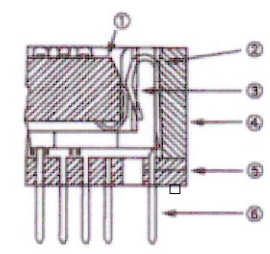
Durability: Per MIL-STD-1344, Method 2016,25 Cycles
Vibration: Per MIL-STD-810c, Method 514.2 10-200,000Hz 5G's
Shock: Per MIL-STD-810C, Method 516.2,35G's
Acceleration: Per MIL-STD-810C, Method 513.2, 15G's
Contact Force: 170g/per pin.

ELECTRICAL PERFORMANCE:

Contact Interface Resistance:
Initial: 6.5 Milliohms Average
Final: 15.0 Milliohms Average Max. After Testing.
Insulation Resistance: 10000 Megohms min.
Dielectric Strength: 1000VAC continuous for 1 minute.
Capacitance: Less Than 1.0pf At 1000KHz.
Operating and Storage Temperature : -40°C to +105°C



PCB Layout



- ① CHIPS
- ② CONTACT
- ③ J-BEND LEAD
- ④ INSULATOR
- ⑤ BOTTOM COVER
- ⑥ SOLDER PIN

Dimensions

No. of Contacts	Insulator	A±0.2	B±0.2	C±0.1	D±0.1
20	PBT, Black, UL94V-0	15.50	15.50	5.08	5.08
28	PBT, Black, UL94V-0	18.05	18.05	7.62	7.62
32	PBT, Black, UL94V-0	18.05	20.60	7.62	10.16
44	PBT, Black, UL94V-0	23.50	23.50	12.70	12.70
52	PBT, Black, UL94V-0	25.88	25.88	15.24	15.24
68	PPS, Black, UL94V-0	31.05	31.05	20.32	20.32
84	PPS, Black, UL94V-0	36.05	36.05	25.40	25.40

RoHS compliant

Scale	1:1	⑦	Add Pin-out diagram	02.08.2018	Xavier		Date	Name	Customer-No.
TOLERANCE		⑥	Update the plating spec	11.05.2018	Segal	Drawn	08.05.2003	Hellwig	ASSMANN WSW-No. A-CCS 0xx-Z-T
X.	±X	⑤	Add the stand off	27.04.2018	Winnie	Approved	27.04.2018	Winnie	
X.X	±X	④	Update detail plating information	17.03.2016	Jesse				Drawing-No. ASS 0981 CO
X.XX	±X	③	Update detail plating information	28.11.2013	Ray				
X.°	±X	②	Redraw	23.07.2009	Dean				rev07
Angle	TOL	①	Modification	Date	Name				
									Replace ASS 0981 CO 25.04.00

1 2 3 4 5 6 7

1

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3

4

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7

A

⑦ PCB Layout & Pin-out Diagram

A

B

Diagram showing 20 poles arranged in a grid. Pole numbers are: 3, 1, 19 (top row); 4, 5, 2, 18 (second row); 6, 16 (third row); 8, 14 (fourth row); 9, 11, 13 (bottom row). An arrow points to pole 2.

20 Poles

Diagram showing 28 poles arranged in a grid. Pole numbers are: 4, 2, 28, 26 (top row); 5, 6, 3, 25 (second row); 7, 23 (third row); 9, 21 (fourth row); 11, 19 (fifth row); 12, 14, 16, 18 (bottom row). An arrow points to pole 3.

28 Poles

Diagram showing 32 poles arranged in a grid. Pole numbers are: 4, 2, 32, 30 (top row); 5, 6, 29 (second row); 7, 27 (third row); 9, 25 (fourth row); 11, 23 (fifth row); 13, 21 (sixth row); 14, 16, 18, 20 (bottom row). An arrow points to pole 3.

32 Poles

Diagram showing 44 poles arranged in a grid. Pole numbers are: 6, 4, 2, 44, 42, 40 (top row); 7, 8, 3, 39 (second row); 9, 37 (third row); 11, 35 (fourth row); 13, 33 (fifth row); 15, 31 (sixth row); 17, 29 (seventh row); 18, 20, 22, 24, 26, 28 (bottom row). An arrow points to pole 3.

44 Poles

C

C

D

Diagram showing 52 poles arranged in a grid. Pole numbers are: 7, 5, 3, 1, 51, 49, 47 (top row); 8, 9, 6, 4, 46 (second row); 10, 44 (third row); 12, 42 (fourth row); 14, 40 (fifth row); 16, 38 (sixth row); 18, 36 (seventh row); 20, 34 (eighth row); 21, 23, 25, 27, 29, 31, 33 (bottom row). An arrow points to pole 2.

52 Poles

Diagram showing 68 poles arranged in a grid. Pole numbers are: 9, 7, 5, 3, 1, 67, 65, 63, 61 (top row); 10, 11, 8, 6, 60 (second row); 12, 58 (third row); 14, 56 (fourth row); 16, 54 (fifth row); 18, 52 (sixth row); 20, 50 (seventh row); 22, 48 (eighth row); 24, 46 (ninth row); 26, 44 (tenth row); 27, 29, 31, 33, 35, 37, 39, 41, 43 (bottom row). An arrow points to pole 2.

68 Poles

Diagram showing 84 poles arranged in a grid. Pole numbers are: 11, 9, 7, 5, 3, 1, 83, 81, 79, 77, 75 (top row); 12, 13, 10, 8, 6, 4, 74 (second row); 14, 72 (third row); 16, 70 (fourth row); 18, 68 (fifth row); 20, 66 (sixth row); 22, 64 (seventh row); 24, 62 (eighth row); 26, 60 (ninth row); 28, 58 (tenth row); 30, 56 (eleventh row); 32, 54 (twelfth row); 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53 (bottom row). An arrow points to pole 2.

84 Poles

E

E

F

F

G

RoHS compliant

G

H

H

Scale	1:1	⑦	Add Pin-out diagram	02.08.2018	Xavier		Date	Name	Customer-No.
TOLERANCE		⑥	Update the plating spec	11.05.2018	Segal	Drawn	08.05.2003	Hellwig	ASSMANN WSW-No. A-CCS 0xx-Z-T
X.	±X	⑤	Add the stand off	27.04.2018	Winnie	Approved	27.04.2018	Winnie	
X.X	±X	④	Update detail plating information	17.03.2016	Jesse				Drawing-No.
X.XX	±X	③	Update detail plating information	28.11.2013	Ray	ASSMANN WSW components		ASS 0981 CO rev07	
X.°	±X	②	Redraw	23.07.2009	Dean			Replace ASS 0981 CO 25.04.00	Sheet 2/2
Angle	TOL	Id.	Modification	Date	Name				

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SVXXX