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A

B

C

D

E

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A

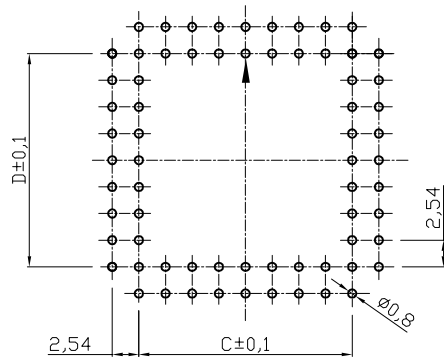
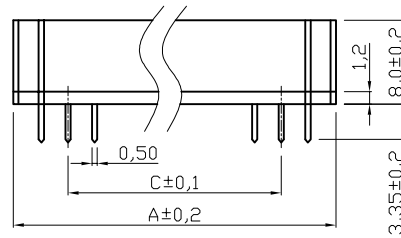
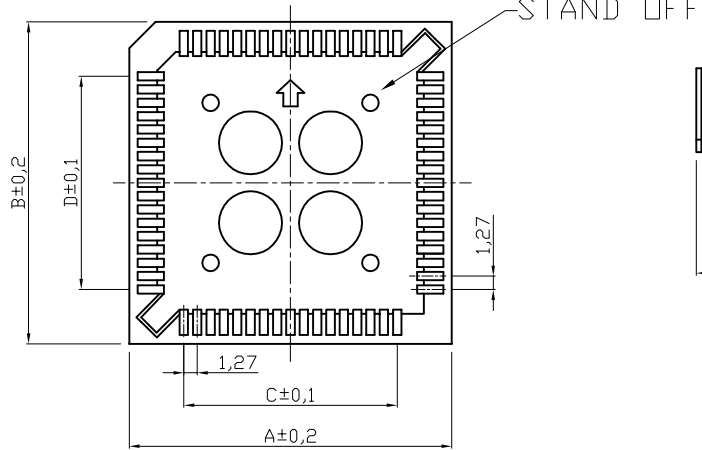
B

C

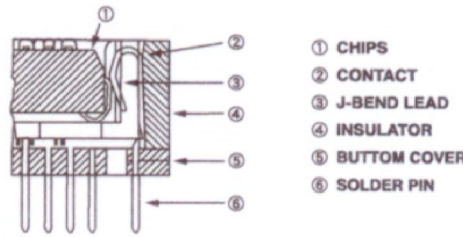
D

E

F



PCB Layout



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

### Product Specification

#### Material

Contact :Phosphor Bronze,0,25mm Thickness  
Plated: Matted Tin Plated 100u"up over 40u" Nickel (Lead Free)

④ ③

#### 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

#### 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					Date	Name	Customer-No.
TOLERANCE						Drawn	08.05.2003	Hellwig
X.	±X							
X.X	±X	④	Update detail plating information	17.03.2016	Jesse	Approved	17.03.2016	Jesse
X.XX	±X	③	Update detail plating information	28.11.2013	Ray			
X.°	±X	②	Redraw	23.07.2009	Dean			
Angle	TOL	①	Drawn	08.05.2003	Hellwig			
		Id.	Modification	Date	Name			

Customer-No.	
ASSMANN WSW-No.	
<b>A-CCS 0xx-Z-T</b>	
Drawing-No.	
<b>ASS 0981 CO</b>	rev04
Replace ASS 0981 CO 25.04.00	Sheet

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svxxx