



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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A

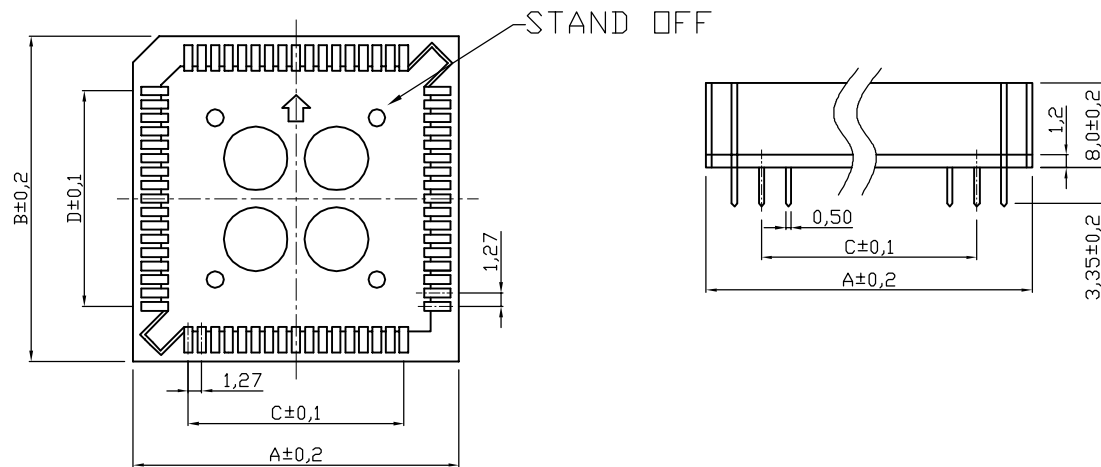
B

C

D

E

F



Product Specification

Material

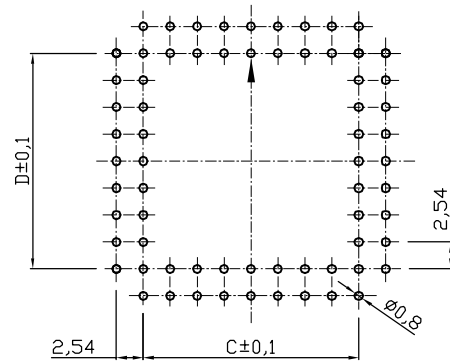
Contact :Phosphor Bronze,0,25mm Thickness
Plated: Matted Tin Plated 100u"up over 40u" Nickel (Lead Free)

MECHANICAL PERFORMANCE:

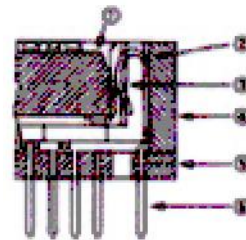
Durability: Per MIL-STD-1344, Method 2016,25 Cycles
Vibration: Per MIL-STD-810c, Method 514.2 10-200,000Hz 5G's
Shock: Per MIL-STD-810C, Method 516.2,35G's
Acceleration: Per MIL-STD-810C, Method 513.2, 15G's
Contact Force: 170g/per pin.

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 BUTTON 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	⑩0.16	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		⑤	correction of dimension	13.01.2017	S.Bölling	Drawn	08.05.2003	Hellwig
X.	±X	④	Update detail plating information	17.03.2016	Jesse	Approved	17.03.2016	Jesse
X.X	±X	③	Update detail plating information	28.11.2013	Ray			
X.XX	±X	②	Redraw	23.07.2009	Dean			
X.°	±X	①	Drawn	08.05.2003	Hellwig			
Angle	TOL							
		Id.	Modification	Date	Name			

Customer-No.

ASSMANN WSW-No.

A-CCS 0xx-Z-T

Drawing-No.

ASS 0981 CO

rev05

Replace ASS 0981 CO 25.04.00

Sheet

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svxxx