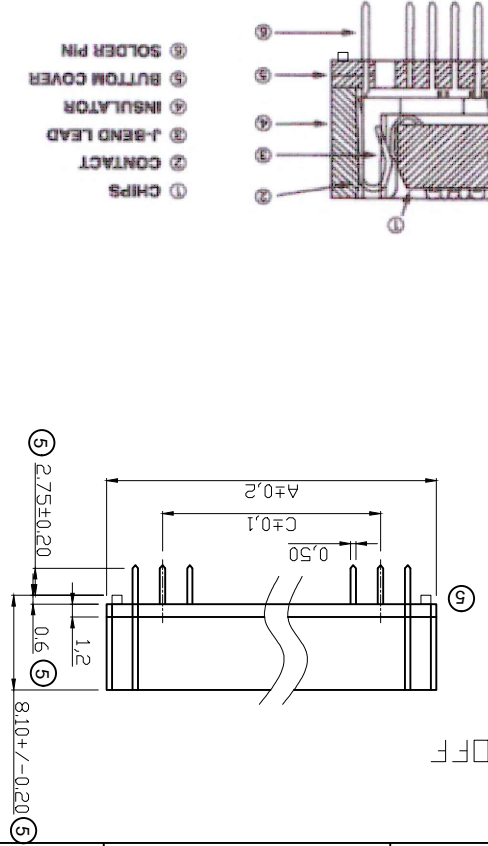
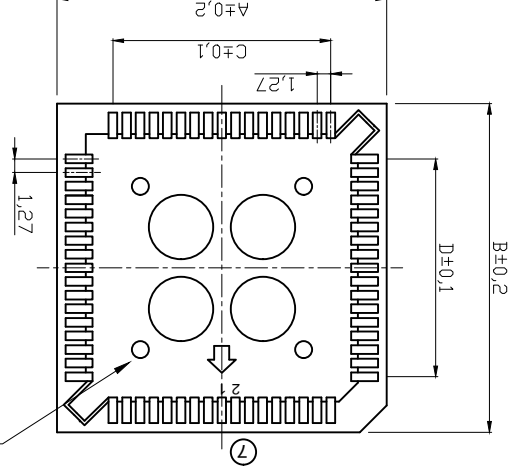
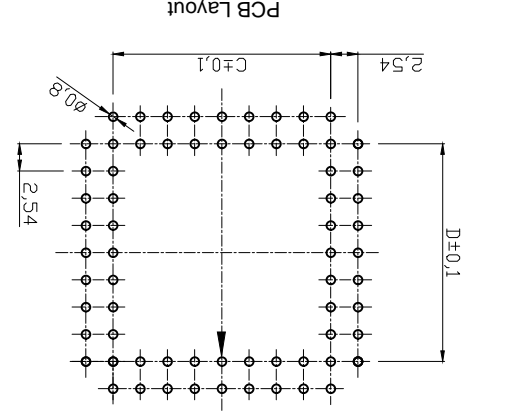


# RoHS compliant

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



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

Dimensions



**Product Specification**

Material: Phosphor Bronze, 0.25mm Thickness  
⑥ Contact: Plated Matted Tin Plated 80~120µ up over 30~50µ Nickel (Lead Free)  
④ ③

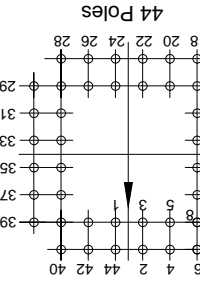
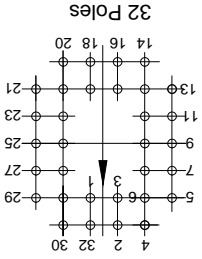
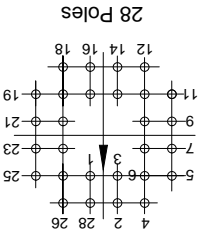
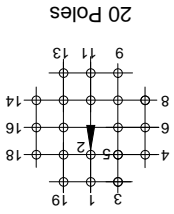
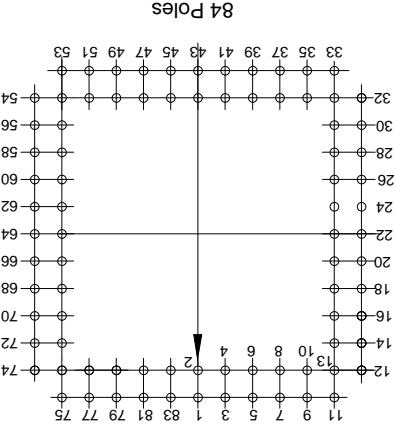
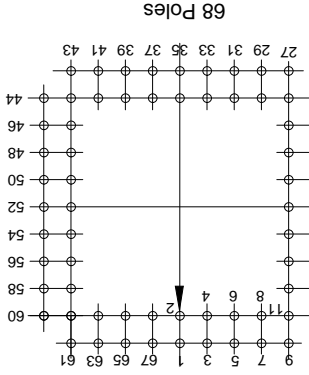
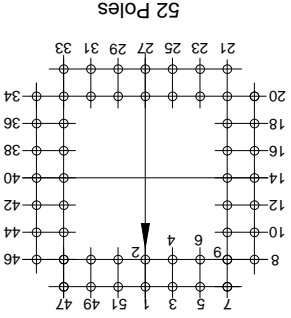
**MECHANICAL PERFORMANCE:**  
Durability: Per MIL-STD-1344, Method 2016.25 Cycles  
Vibration: Per MIL-STD-810C, Method 514.2 10-200,000Hz 5G's  
Shock: Per MIL-STD-810C, Method 516.2.35G's  
Acceleration: Per MIL-STD-810C, Method 513.2, 15G's  
Contact Force: 170g/per pin.

**ELECTRICAL PERFORMANCE:**  
Contact Interface Resistance:  
Initial: 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

# RoHS compliant

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

⑦ PCB Layout & Pin-out Diagram



H	G	F	F	D	D	C	C	B	B	A	1	2	3	4	5	6	7	SVXXX
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[AWH50G-0202-T-R](#) [AK500/16-OE-7-0.5](#) [DK-1611-020/B](#) [DK-1511-100/G](#) [AT-K-26-10-W/1000](#) [AWG28-15/G/300](#) [ATUP-P305T](#) [AWP](#)  
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