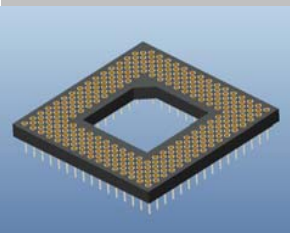


# EDCON-COMPONENTS

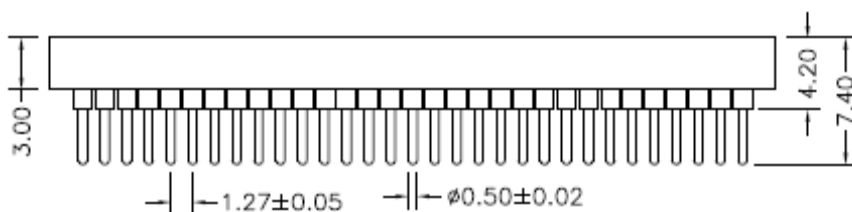


## Technical Discription

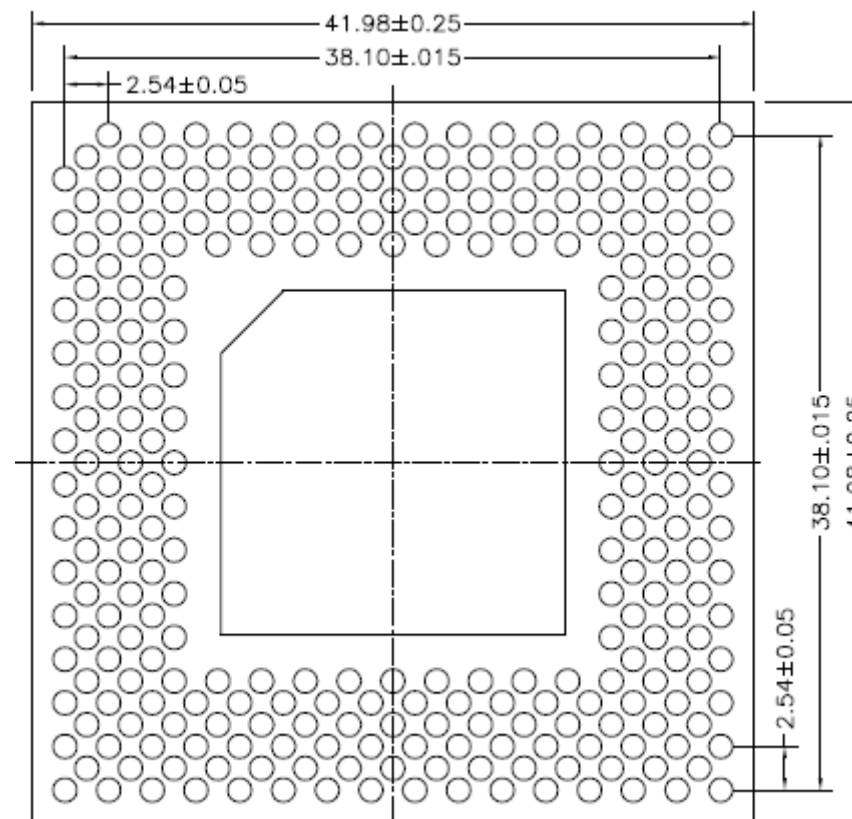
**Material:**  
 Pin (outer Sleeve) Brass machined CuZn38Pb2  
 Plating (Outer Sleeve) Tin Plated 2µm/80µm " Ni 5µm/80µ Sn  
 Gold Plated; 2µm / 80µm Ni full gold  
 Plating contact: 2µm/80 Ni, gold or Tin plated  
 Insulator: PPS UL94V-0  
 Clip: Contact 4 Finger: Berillium copper heat treated

**Electrical:**  
 Current Rating: 3 Amps/ contact max.  
 Contact Resistance: ≤ 4mΩ / contact  
 Insulation Resistance: ≥ 1000MΩ at 500V  
 Dielectric Withstand. Vol 1000V AV Min  
 Operating Voltage 60VAC/DC

**Mechanical:**  
 Average Insertion force with steel pin of Ø 0,432: /<250gr.  
 Average withdravel force with steel pin of Ø 0,432: />70gr.  
 Operating Temperature: -40°C to +105°C  
 Soldering Temperature: 255°C



## Drawing



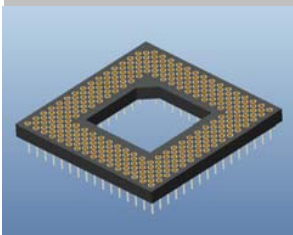
**299Pin PGA Socket**  
**2,54x1,27mm ( 16x16)**

Part No.: **T34114**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	24.07.2017
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 3	

Customer:  
 email: [info@edcon-components.com](mailto:info@edcon-components.com)

# EDCON-COMPONENTS



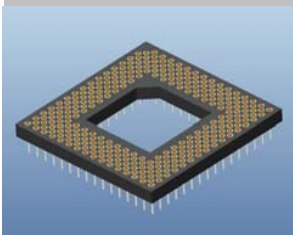
## Ordering Informations

Serie	Number of Pos.	Solder Pin Plated	Contact Clip Plated	Spezial Function	ROHS	Packing				
<b>T34114</b>	<b>299</b>	<b>A</b>	<b>3</b>	<b>0</b>	<b>R</b>	<b>TU</b>				

<b>299=</b> Contact Pin	<b>A=</b> Tin 150µm (Standard)	<b>1=</b> Tin 150µm	<b>0=</b> No function	<b>R=</b> ROHS Conform	<b>TU</b> Tube Packing
	<b>B=</b> Tin 200µm (Standard)	<b>2=</b> Tin 200µm		<b>N=</b> NON ROHS Conform	
	<b>C=</b> Gold Flash 0,25µm	<b>3=</b> Gold Flash 0,25µm			
	<b>D=</b> Gold 2µm	<b>4=</b> Gold 2µm			
	<b>E=</b> Gold 3µm	<b>5=</b> Gold 3µm			
	<b>F=</b> Gold 10µm	<b>6=</b> Gold 10µm			
	<b>G=</b> Gold 15µm	<b>7=</b> Gold 15µm			
	<b>H=</b> Special	<b>8=</b> Special			

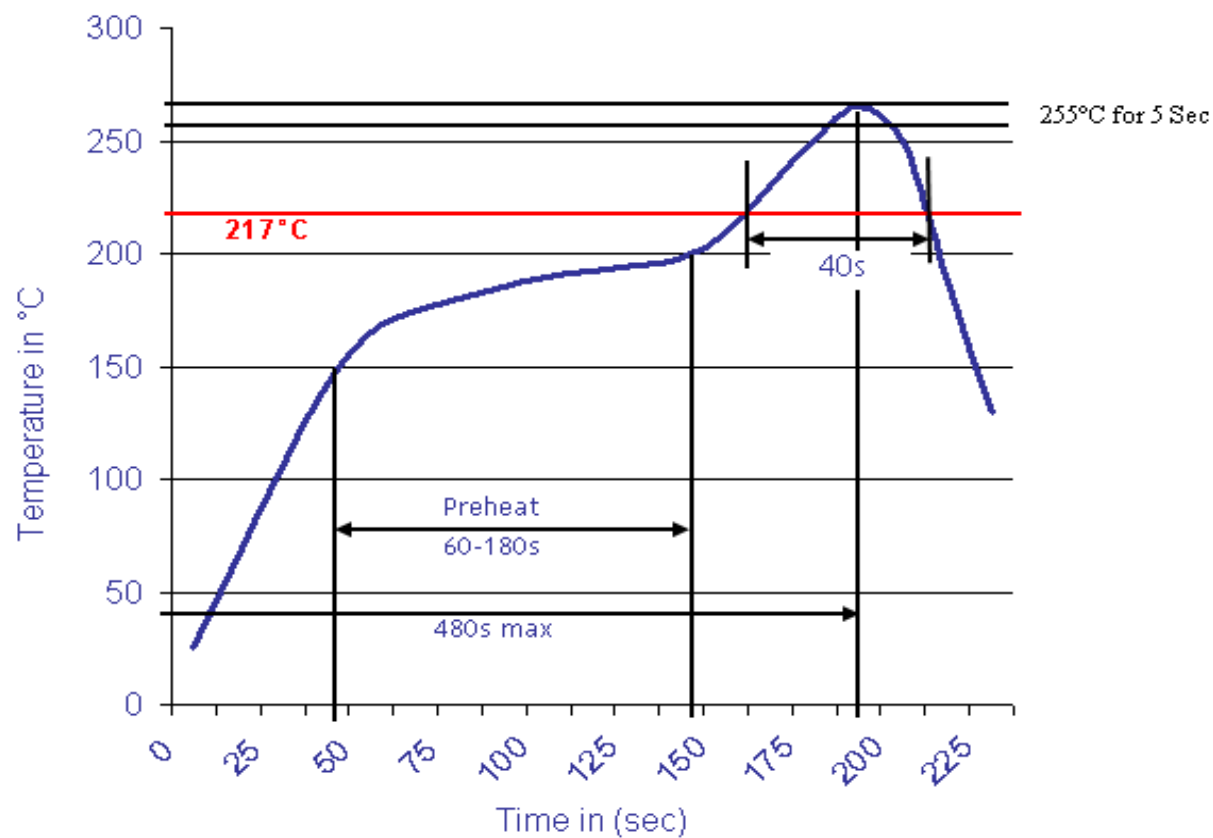
<b>299Pin PGA Socket</b> <b>2,54x1,27mm ( 16x16)</b>	
Part No.:	<b>T34114</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	24.07.2017
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 3



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



<b>299Pin PGA Socket</b>	
<b>2,54x1,27mm ( 16x16)</b>	
Part No.:	<b>T34114</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	24.07.2017
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 3	