

EDCON-COMPONENTS



Description

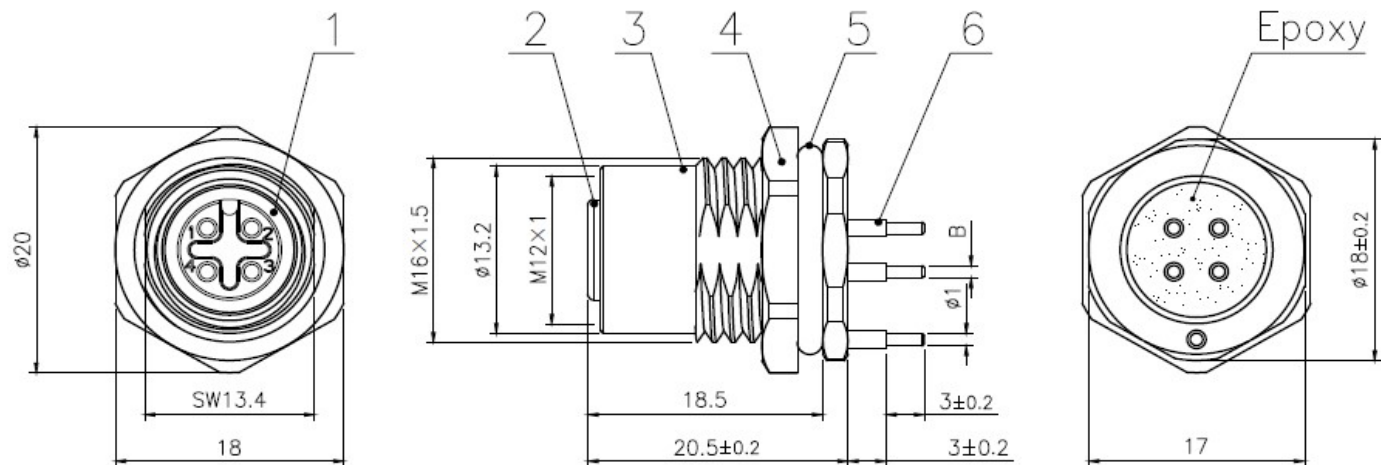
Mechanical:

Shell Material:	Brass Nickel-Plated
Insert Material:	PA66 / Black
Contact Material:	Phosphor Copper
Contact Surface:	AU-Plated
Termination:	PCB- Soldering
Mating Cycle:	500
Operating Temperature	-40°C to + 80°C
IP-Protection Degree:	IP67 into mating Position
O-Ring:	Rubber
Pin Dimension: (B)	2~5P = Ø1mm / 6-17P=0,6mm

Electrical:

Pin contact Resistance:	look table
Isolation Resistance:	look table
Corrosion Resistance:	Salt Spray test , >48h

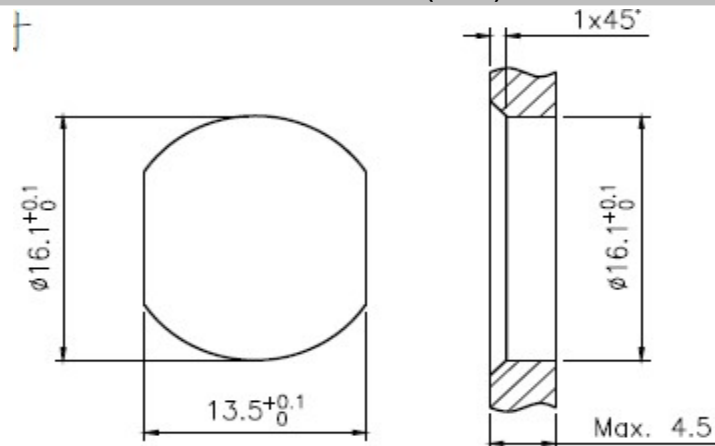
Dimensions (mm)



Order Code (Coding)

Coded	
A	
B	
D	

Panel Cut Out (Code)



**M12 Female PCB 180° w.
Locating Peg**

Part No.: **T61E118**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2025
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

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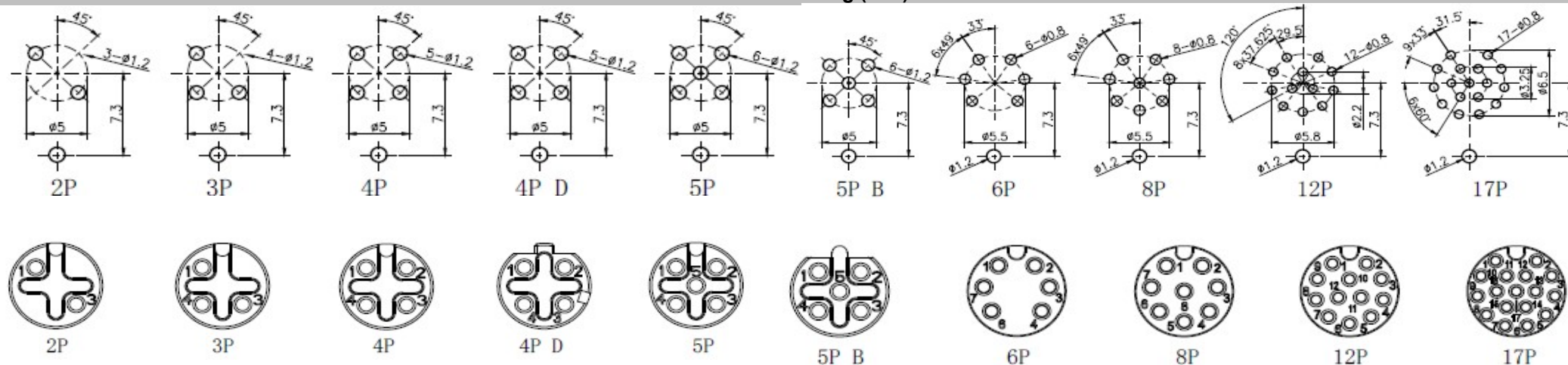
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Technical Drawing (mm)



No off Position	2	3	4	4/D-Code	5	5/B-Code	6	8	12	17
Current (A)	4	4	4	4	4	4	2	2	1,5	1,5
Voltage (V)	250	250	250	250	60	60	30	30	30	30
Withstanding Voltage (V)	2500	2500	2500	2500	1500	1500	800	800	800	800
Isolation Resistance (MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact Resistance (mΩ)	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5

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Ordering Informations

Serie	Number of Pos.	Coding	Panel Cut out	Solder Pin length	Contact Plating	ROHS	Packing	
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T61E118	02	A	8	B	G0	R	TY	
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03= 3Position	A= Coding	8= M16x1,5mm	B= Standard like Drawing	G0= AU Plated	R= ROHS Conform	TY= Tray Packing
	B= Coding			GX= Special AU Plated	N= NON ROHS Conform	
XX= 2,3,4,4D,5,5B ,6,8,12,17Posi tion	D= Coding		A= Customer Special			BU= Bulk - Ware into Polybag
						IV= Individual Packing

Tolerance Table					
DIM	A	B	C		
0~5	±0.02	±0.05	±0.10		
5~10	±0.05	±0.10	±0.15	Angle	A
10~50	±0.10	±0.15	±0.20	0~30°	±0.1°
50~100	±0.15	±0.20	±0.25	31~60°	±0.3°
100~	±0.15%	±0.20%	±0.25%	61~90°	±0.5°
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Locating Peg**

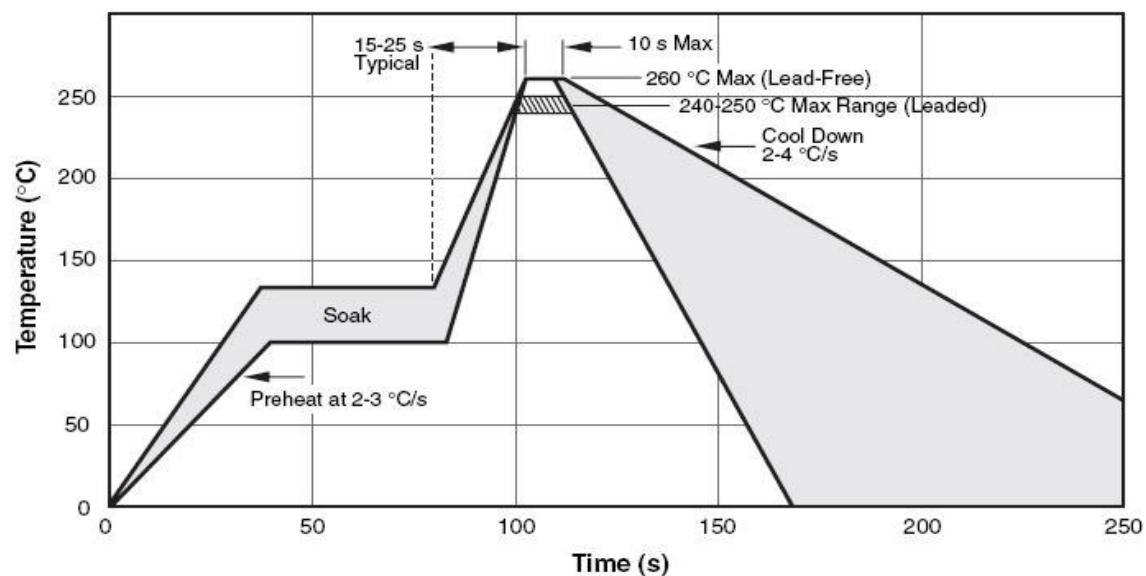
Part No.: **T61E118**

Customer:

TOLERANCE	Mason	DATE	21.05.2025
	Sheet No.		3 from 4



Soldering Profile Curve

**TYPICAL WAVE SOLDER PROFILE FOR LEADED AND
LEAD-FREE THROUGH-HOLE PACKAGES**

**M12 Female PCB 180° w.
Locating Peg**

 Part No.: **T61E118**

DRW:	Jason	CHKD:	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2025	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4		