



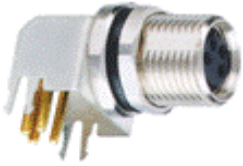
DATA SHEET

M8 Sensor Connector for PCB 90° Mounting / Female

Serie: T61B031

M8 Sensor Connector for PCB 90° Mounting / Female	
Serie No.:	T61B031
Customer:	

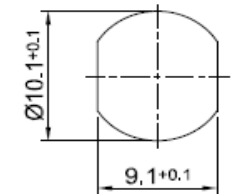
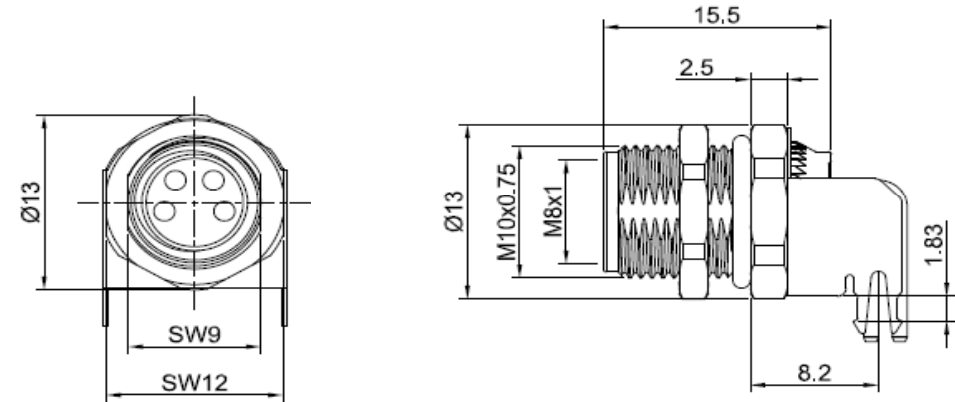
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	28.09.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5



Technical Description

Sensor Connector Size: M8
 Connector Type: Female
 Type: PCB Mounting
 Construction Type: Right-Angle Pin
 Connector Locking System: Screw
 Operating Temperature Range: -40°C to + 85°C
 Main Cycles: (standard): >100
 Degree of Protection: IP67 in locked Condition
 Contact: CuSn
 Contact Plating: Gold Plated
 Insulation Resistance: > 100M Ohm
 Contact Resistance: < 5milli Ohm
 Housing: PA66+GF
 Base Shell: CuZn nickel plated
 Hex-Nut: CuZn nickel plated
 Shielding: CuZn nickel plated
 Sealing: FKM/NBR
 Adhesive: Epoxy

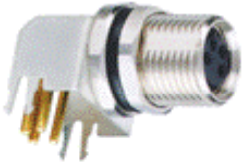
Rated:	Volt (V)	Current (A)
03Pos.	60	4
04Pos.	60	4
05Pos.	60	4
08Pos.	30	1,5



Panel Cut-Out

M8 Sensor Connector for PCB 90° Mounting / Female	
Part No.:	T61B031
Customer:	

DRW:	Jason	CHKD:	Wilson	MATL:	Wilson	TOLERANCE:	Mason	DATE:	28.09.2021
APPD:	Schumi	FINISH:	Jamy			Sheet No.:			2 from 5

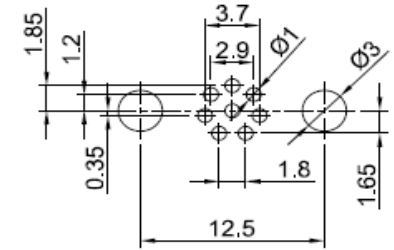
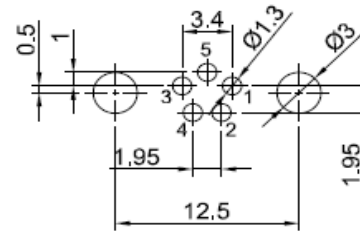
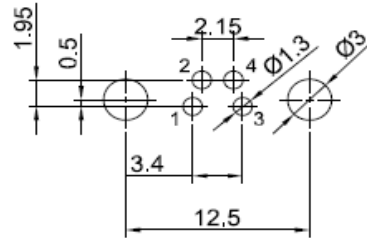
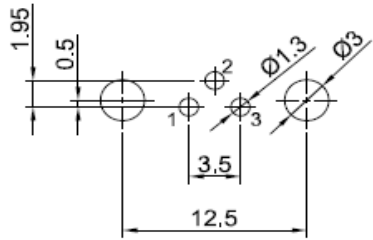


PCB-Layout (Top View)

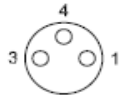
PCB-Layout (Top View)

PCB-Layout (Top View)

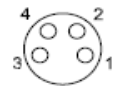
PCB-Layout (Top View)



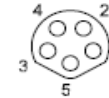
Pin Front View



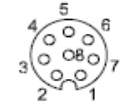
Pin Front View



Pin Front View



Pin Front View



**M8 Sensor Connector for PCB
 90° Mounting / Female**

Part No.: **T61B031**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	28.09.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 5

www.edcon-components.com

email: info@edcon-components.com





Ordering Informations

Customer	Customer No.	Contact Plating	Special function	ROHS	Packing Code					
----------	--------------	-----------------	------------------	------	--------------	--	--	--	--	--

T61B031	-	03	G	N	R	TY				
----------------	---	-----------	----------	----------	----------	-----------	--	--	--	--

Number of Pos.	G= Gold Plated Contacts	N= No special function	R= ROHS Conform	TY= Tray Package
03,04,05,08			N= NON ROHS Conform	IV= Individual Package

M8 Sensor Connector for PCB 90° Mounting / Female	
Part No.:	T61B031
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	28.09.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 5

www.edcon-components.com

email: info@edcon-components.com

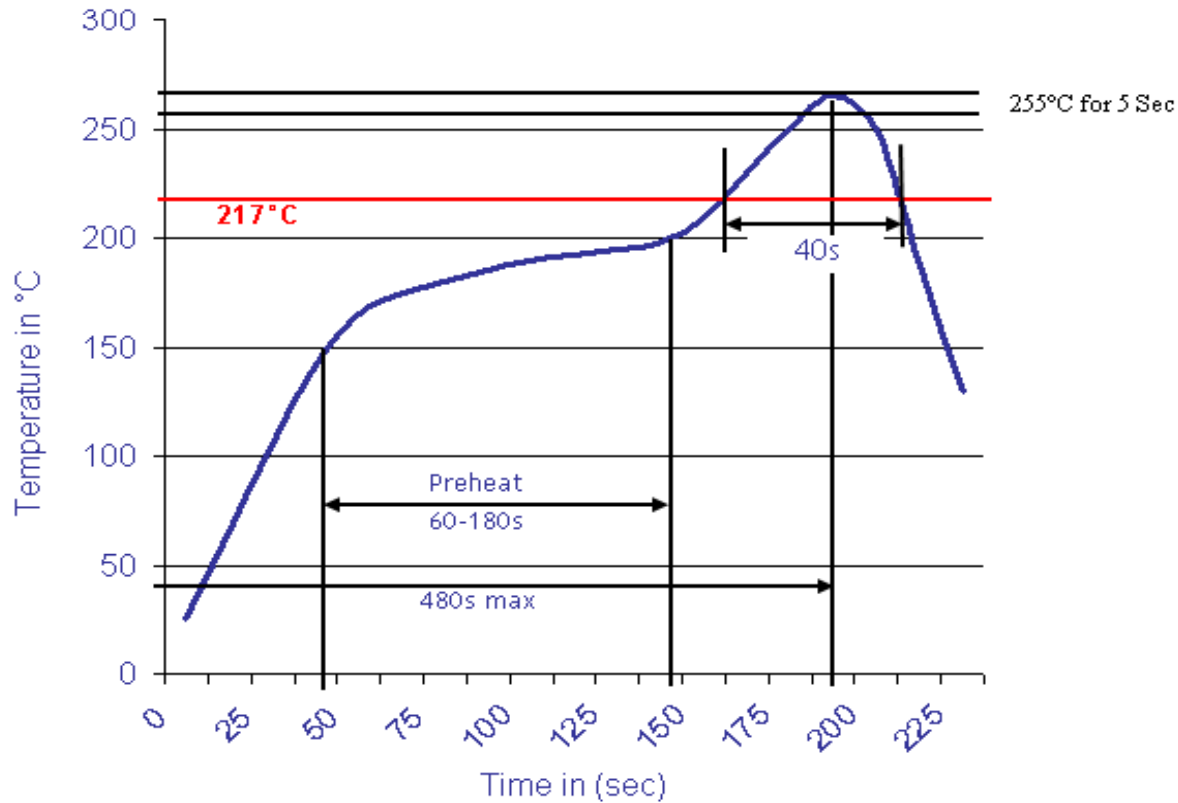
Copyright by S.Tiede
EDCON-COMPONENTS





Soldering Conditions

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



**M8 Sensor Connector for PCB
90° Mounting / Female**

Part No.: **T61B031**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	28.09.2021
APPD:	Schumi			FINISH	Jamy		Sheet No.		5 from 5

www.edcon-components.com

email: info@edcon-components.com

