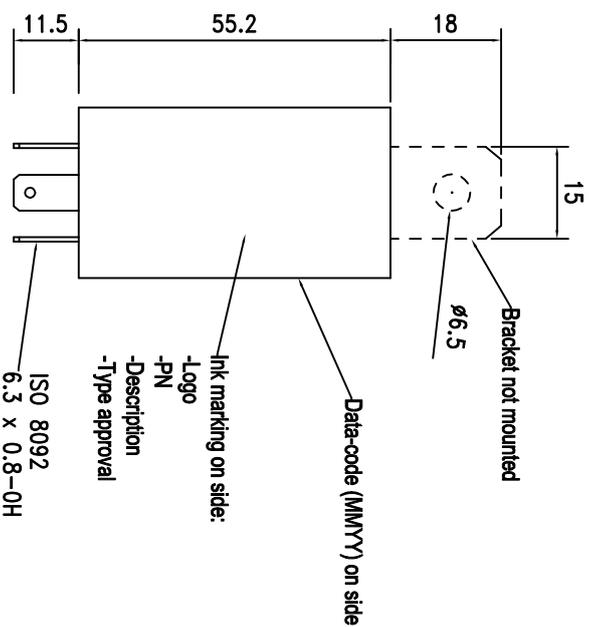
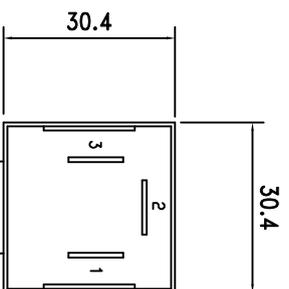


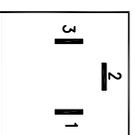
TECHNICAL SPECIFICATIONS

- Nominal input voltage: 24 V dc
- Input voltage range: 18 - 32 V dc
- Output voltage range: 12.8 ±0.5 V dc
- Output voltage ripple: <250 mV/pp
- Output switching frequency: 220 ±20 KHz
- Nominal current: 2A
- Peak current: 3A
- Working temperature: -30°C to +70°C
- Storage temperature: -40°C to +85°C
- Stand-by current: < 1.5 mA
- Efficiency: > 85%
- Overload electronically protected
- Overheat selfprotected
- Reverse polarity protection at the input
- Protection: IP 54 (Others under request)



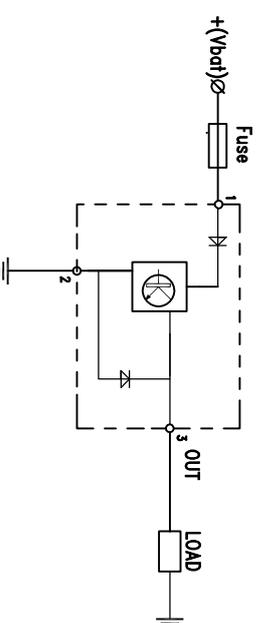
Caution: surface may become hot
Locate in a dry and air-cooled place

PIN-OUT



Pin 1: Vin
Pin 2: GND
Pin 3: Vout

WIRING DIAGRAM



Drawing Revisions		Rev. Level	Date	Name	Description	Approve
04	09/02/2024	A.B.M.			Update Output voltage ripple and Switching Frequency	L.G.A.
03	09/05/2019	L.G.A.			Added marking specifications	G.P.
02	22/01/2019	A.B.M.			General update	G.P.
01	12/07/2018	A.B.M.			New drawing	G.P.

Part number:	052412C1		Customer part number:	
Part Description:	SWITCH MODE 24/12 2A CONVERTER		Customer part description:	

Drawn:	A.B.M.	Date:	12/07/2018	Scale:	1:1	Mass:	70 ±10 gr	Drawing number:	8240	Revision level:	04		
Approved:	G.P.	Date:	12/07/2018	Drawing size:	A3	Projection:		General tolerances:	± 1mm	Color:	Black		
Materials		Housing:		PA6.6 + GF		Connector:		PA6.6 + GF		Terminals:		Tinned Fe	
Bracket:													

