



Pin Assignments  
Front View

- NOTES:
1. WATERPROOF RATE: IP68  
IP68: IMMersed IN 1M WATER FOR 24 HOURS
  2. ELECTRICAL CHARACTERISTICS  
TEMPERATURE RANGE: -40°C TO +100°C  
RATING: 60V AC/DC 2A
  3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE  
SPECIFICATIONS:SEE "M12 SERIES SPECIFICATIONS".
  4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **Car Pass**
  6. FOR PANEL THICKNESS MAX OF 4.5mm

REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T191119-3C	JF		2022.04.09

F	LIQUID GLUE	1	EPOXY RESIN	BLACK
E	SHIELD	1	BRASS	NICKEL PLATING
D	NUT	1	BRASS	NICKEL PLATING
C	O-RING	1	EPDM	BLACK
B	MALE PIN	12	BRASS	GOLD PLATING OVER NICKEL PLATING
A	BODY	1	PA66+GF	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X	:±0.5	X	:±2°	
XX	:±0.3	XX	:±1°	
XXX	:±0.2			
Suzhou Singatron Auto Electronics CO.,LTD. 蘇州三信汽車電子有限公司				
TITLE: M12 SERIES FRONT MOUNT MALE CONN. 12PIN HEXAGONAL BACKSHELL				
DWN	JF	PART NO. 2MT3003-W12200H		
CHKD	MF	SCALE 2:1	UNIT: mm	
APVD	STEVE	SIZE: A3	SHEET: 1 OF 1	REV: A

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