



SPECIFICATION
MATERIAL
 Insulator: PA66, rated UL94V-0
 Contacts: Copper Alloy
 Contacts type: Solder Type
 metal parts : steel with Ni plating
 Contacts plating
 Underplate: 50u"~100u" Nickel
 Contact area: 1u" gold
 Solder tails area: 100u"~200u" Tin/Lead Free
General Data
 standard/Regulation: M12 connector IEC 61076-2-101
 coding: A-standard
 Number of position: 4,5
 AWG Singal line: 22
 Current rating: 4 Amps max.
 Insulation resistance: 100 Mohms min @ 500 VDC
 Degree of protection: IP 67
 Temperature range: -20°C TO +85°C
 Mating cycles: 100 insertions

WHM A XX M S T D I N X A 3 FG
 1 2 3 4 5 6 7 8 9 10 11 12

- | | |
|---|---|
| 1.SERIES NO.
WHM=M12 circular conn. Series | 7.APPLY TYPE:
D1=CABLE END |
| 2. A=Solder Type | 8.SHELL PLATING:
N=100u"~200u" NI PLATED |
| 3.CONTACT NUMBER:
04=4 PINS
05=5 PINS | 9.CODING:
A=A CODE
D=D CODE |
| 4.CONTACT TYPE:
M=MALE | 10.PACKING STYLE:
A=TRAY
D=D CODE |
| 5.CONTACT AREA PLATING:
S=1u" GOLD | 11.INSULATOR COLOR:
3=Black |
| 6.SOLDER TAILS AREA PLATING:
T=100u"~200u" Tin | 12.GREEN OPTION:
FG=RoHS (Matte) |

4	S649IF00P00D1AA3	Rear nut	PA66	1	
3	M1649AERCPD1303A	cable ring seal	NBR	1	
2	M4649AE40ND1E01A	Clamping ring	steel with Ni plating	1	
1	S649AF04MSTD1AA3 S649AF05MSTD1AA3	M12 -4,5pin male body Solder type	PA66,Copper alloy	1	
No.	P/N	Parts Name	Material	Q'ty	Remark

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	± 5°
0.	± 0.5
.0	± 0.3
.00	± 0.2



SCALE:	AS SHOWN	UNIT:	mm
DRAWN	JAG	DATE	12/8/2017
CHECKED			//
APPROVED			//

DRAWING NAME:
M12-4, 5pin male conn. Solder type

PRODUCT NO. WHM-AXXMSTDINXA3-FG

REV.	DESCRIPTION	DATE	SIZE	AA	REV.	A	FILE NAME:	WHM-AXXMSTDINXA3-FG.dwg
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								