



SPECIFICATION
MATERIAL
 Insulator: Thermoplastic, rated UL94V-0
 Contacts: Brass
 Shell: Brass
CONTACT PLATING
 Underplate: 50u"~100u" Nickel
 Contact area: 1u"~15u" gold
 Solder tails area: 1u" Gold
ELECTRICAL
 Current rating: 2 Amps max.
 Contact resistance: 5 mohms MAX
 Insulation resistance: 100 Mohms min @ 500 VDC
 Dielectric withstanding voltage: 500 VAC / minute
 Temperature range: -20°C TO +85°C

Part no.
 WHS E XX M S S D5 N X D 3 FG-X
 1 2 3 4 5 6 7 8 9 10 11 12

- 1.SERIES NO.
WHS=Water Proof Connection
- 4.CONTACT NUMBER:
04=4 PINS
05=5 PINS
08=8 PINS
- 5.CONTACT TYPE:
M=MALE
- 6.CONTACT AREA PLATING:
S=FLASH GOLD
- 7.SOLDER TAILS AREA PLATING:
S=FLASH GOLD
- 8.APPLY TYPE:
D5=M12 Shield Type
- 9.SHELL PLATING:
N=NICKEL
- 10.SPECIAL SPEC. DESCRIPTION:
A=A CODE 22 AWG
D=D CODE 22 AWG
- 11.PACKING STYLE:
D=BAG
- 12.INSULATOR COLOR:
3=Black
- 3.GREEN OPTION:
FG-X=General
E=RoHS (Bright)
F=RoHS (Matte)
G=RoHS (Bright)(Halogen Free)
H=RoHS (Matte)(Halogen Free)

NO	Part Name	Material	Q'ty
1	M12 4 Pin Conn.A Code	PA66, rated UL94V-0	1
	M12 5 Pin Conn.A Code		1
	M12 8 Pin Conn.A Code		1
	M12 4 Pin Conn.D Code		1
2	Metal Body	Brass C3604	1
3	Middle Holder	Brass C3604	1
4	Crimp Ring	Silicon rubber 60° UL94V-0	1
5	Rubber Boot	Silicon rubber 70° UL94V-0	1

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UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	± 5°
0.	± 0.50
.0	± 0.30
.00	± 0.20



SCALE:	AS SHOWN	UNIT:	mm
DRAWN	JG	DATE	01/04/2018
CHECKED			/ /
APPROVED			/ /

DRAWING NAME:
M12 Shield Type Male A,D code
4,5,8 Pin

PRODUCT NO. WHS-XXMSSD5NADD3FG-X

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
			A4	X2	WHS-XXMSSD5NADD3FG-X