

NO.	Parts of name	Material	Qty
1	ø6.4 mm O-ring seal	Silicon rubber	1
2	M12 X-Code Female Housing Diecast	Zinc Alloy(Zamak-3)	1
3	O-ring OD10.2X0.75mm	Silicon rubber	1
4	M12 X-Code Female Housing body	PA66(6410G3) ,rated UL94V-0	1
5	M12 X-Code Female Crimp Pin 0.65mm	Brass (C3604-EH) 50u*min Nickel Gold 10u*	8
6	Cable Holder For OD 8.5 mm	PA66(6410G5) ,rated UL94V-0	1
7	M12 X-Code Female-Matel Shell Part	Brass (C3604-EH) 50u*min Nickel	1
8	Crimp O-Ring	Silicon rubber 60°	1
8-1	Crimp O-Ring for OD 8.5 cable	Silicon rubber 60°	
8-2	Crimp O-Ring for OD 6.2 cable	Silicon rubber 60°	
9	Rubber Boot	Silicon rubber 70°	1

**SPECIFICATION**

**MATERIAL**

Insulator: PA66 (6410G3/G5), rated UL94V-0

Contacts:Brass(C3604-EH)

Shell:Brass(C3604-EH)

O-ring:Silicon Rubber

**CONTACT PLATING**

Underplate: 50u\*Min Nickel

Contact area:10u\* Gold

Solder tails area:10u\* Gold

**ELECTRICAL**

Rated current:0.5 Amps max.

Rated voltage:48V

Contact resistance:5 mΩ MAX.

Insulation resistance:

100 MΩ min @ 500 V ±15V DC

Dielectric withstanding voltage:

500 VAC / minute

**General data**

Standard/Regulation:

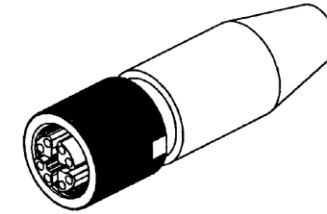
M12 connector IEC 61076-2-109

Cable AWG :24AWG

Temperature range: -25°C TO +85°C

Mating cycles:100 insertions

Waterproof Rate: IP67



**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X. ± 0.50

.X ± 0.30

.XX ± 0.20

.XXX ±

ANG ± 5°

PJECTION

照片框

**ORDER INFORMATION**

M12-SABK51-08X-LF  
SERIES | | | LEADFREE  
| | | 08 WAY X CODE  
| | | LONG 51.0mm  
BLACK  
ASSEMBLY  
FEMALE

DESCRIPTION: M12 X-Code Female Crimp cable