



SCM

Systèmes et Connectique du Mans



UIC 558 CONNECTOR SERIES

AUDIO COUPLER 13 OR 18 CONTACTS

Technical Characteristics

Electrical

- Contact: 13 or 18 $\varnothing 3$ mm (plug), 18 $\varnothing 3$ mm (receptacle)
- Nominal Rating: 10 A
- Service Voltage: 110 V
- Withstand Voltage: 2 000 V
- Insulation strength: > 10 000 m Ω
- Contact Resistance: < 1 m Ω

Material

- Receptacle Housing: Aluminium
- Plug: Composite
- Contacts: Silver plated Brass (gold plating available)
- Fireproof: NF F 16-102 requirement 2, UL94V0, EN 45545-2

Environmental

- Temperature range: -40°C +120°C
- Protection Index: IP67
- Salt spray: 96 hours

Mechanical

- Mating cycles: 10 000
- Vibrations: 2 g - From 10 to 100 Hz (NF F 60-002)
- Shocks: 30 g - 18 ms semi sinusoïdal (NF C 20-727)
- Cable-gland PG21 included for cable $\varnothing 15$ to 19 mm



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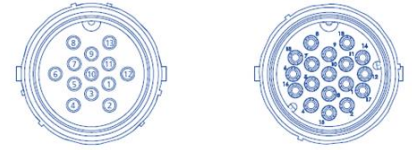
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Dimensions (mm/inch)

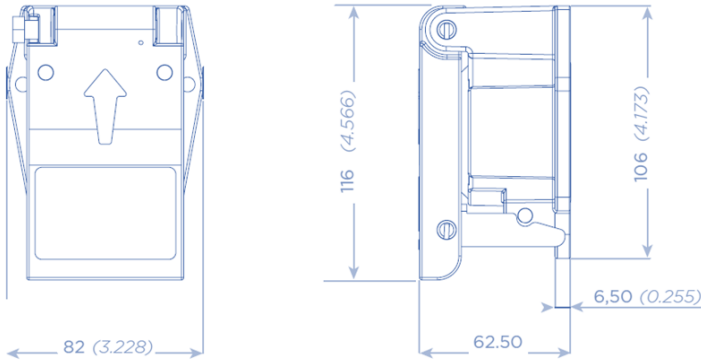
Female Front View
18 contacts



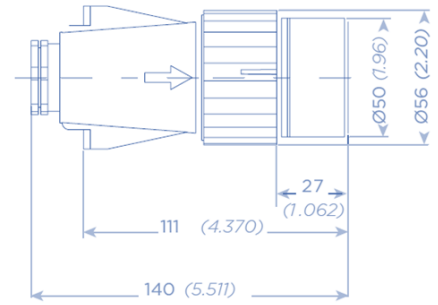
Male Front View
13 contacts 18 contacts



Female Receptacle

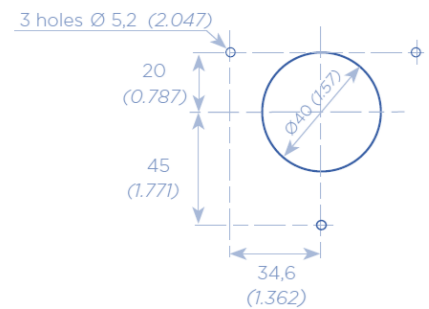
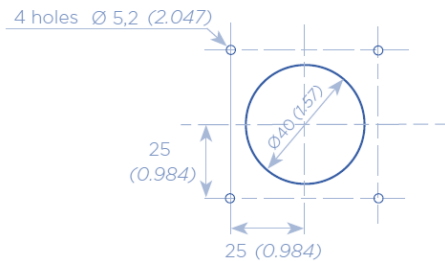


Male Plug



Panel cut out (mm/inch)

2 Possibilities



Part Numbers

Finish		Part Number
Female Receptacle	with insert incl. 18 silver plated female contacts, Grey paint finish	CSF1680-0001-00000
	with insert incl. 18 silver plated female contacts, Red paint finish	CSF1680-4000-00000
	with insert incl. 18 silver plated female contacts, Unpainted	CSF1680-0001-A0001
Dummy Receptacle	with socket insert, without female contacts, Grey paint finish	CSF1680-0003-00000
	with socket insert, without female contacts, Unpainted	CSF1680-0003-A0001
Empty Receptacle shell	without insert, Grey paint finish	CSF1680-0003-A0002
Male Plug	with insert incl. 13 contacts, with cable gland Ø 15 to 19 mm	CSF1705-0007-00000
	with insert incl. 18 contacts, with cable gland Ø 15 to 19 mm	CSF1680-0002-00000

Tooling

Tooling	Part Numbers
Crimping tool : DMC FT8	OUT0405-0167AS
Locator for crimping female contacts	OUT0405-0164AS
Locator for crimping male contacts	OUT0405-0201AS
Extraction tool	OUTCCI EXT-C0000



Contact details:

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