



UIC 558 CONNECTOR SERIES

AUDIO COUPLER 13 OR 18 CONTACTS

Technical Characteristics

Electrical

- Contact : 13 or 18 Ø3 mm (plug), 18 Ø3 mm (receptacle)
- Nominal Rating : 10 A
- Service Voltage : 110 V
- Withstand Voltage : 2 000 V
- Insulation strength : > 10 000 mΩ
- Contact Resistance : < 1 mΩ

Material

- Receptacle Housing : Aluminium
- Plug : Composite
- Contacts : Silver plated Brass (gold plating available)
- Fire proof : 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 Ø15 to 19 mm
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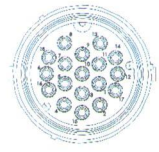
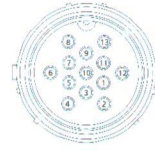
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Dimensions (mm/inch)

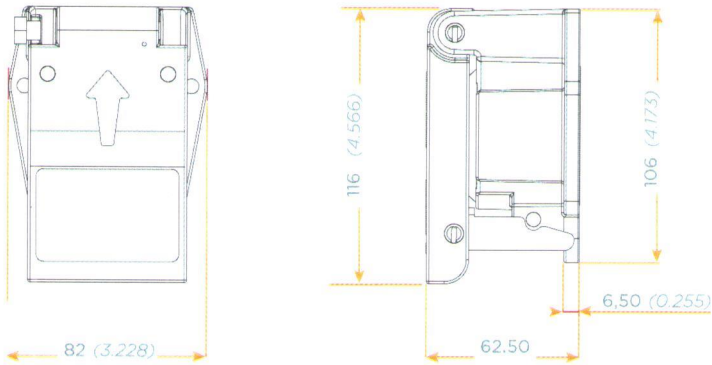
Female Front View
18 contacts



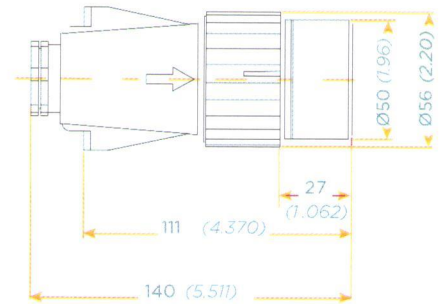
Male Front View
13 contacts 18 contacts



Female Receptacle

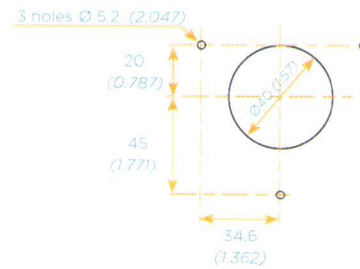
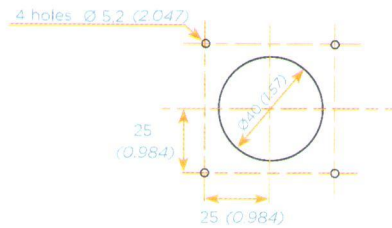


Male Plug



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 $\varnothing 15$ to 19 mm	CSF1705-0007-00000
	with insert incl. 18 contacts, with cable gland $\varnothing 15$ to 19 mm	CSF1680-0002-00000

Tooling

Tooling	Part Numbers
Crimping tool : DMC FT8	OUT0405-0167A5
Locator for crimping female contacts	OUT0405-0164A5
Locator for crimping male contacts	OUT0405-0201A5
Extraction tool	OUTCCI EXT-C0000