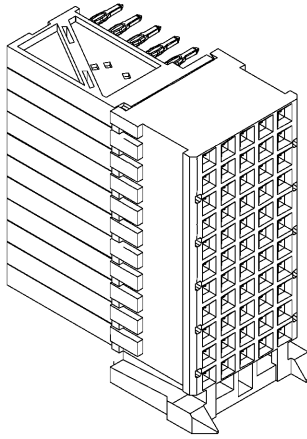
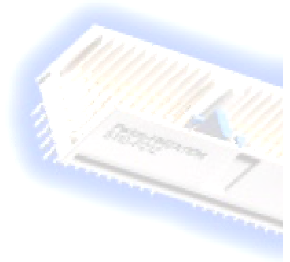


PerForm 2.0™ Hard Metric Connectors

Type C, Female, right angle
IEC 61076-4-101



- According to IEC 61076-4-101 and IEC 917
- 25 mm basic system unit
- High contact density with 2 mm grid spacing
- 50 mm connector module
- Different termination lengths available
- All terminations with compliant eye of needle press-fit design
- Plated through hole diameter 0.6 mm
- Available with grounding rows
- Different coding devices available

PRODUCT DATA

Electric data

Current rating	1 A at +70 °C
Test voltage	750 V AC (rms)
Insulation resistance	10 Gohm (min)
Temperature range	-55... +125 °C

Materials

Housing material	Thermoplastic resin, glass-fibre filled, UL 94 V-0
Contact material	Copper alloy
Contact plating	Nickel all over + Hard Gold MIL-G-45204B Type II
Press-in zone plating	Tinlead over nickel

Physical data

Press-in Force	26 ± 6N/pin on nominal hole diameter (0.6 ± 0.05 mm)
Retention Force	
Mating force	20 ± 5N/pin on nominal hole diameter (0.6 ± 0.05 mm)
Withdrawal Force	0.75 N/contact max. 0.15 N/contact min.

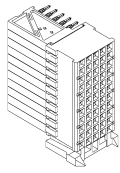
PCB data

Diameter of plated through holes	0.6 ± 0.05 mm
Recommended PCB hole platings	Cu 25-50 µm, Sn or SnPb < 10 µm
PCB Thickness	1.4 – 5.6 mm

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Rev. 1.0

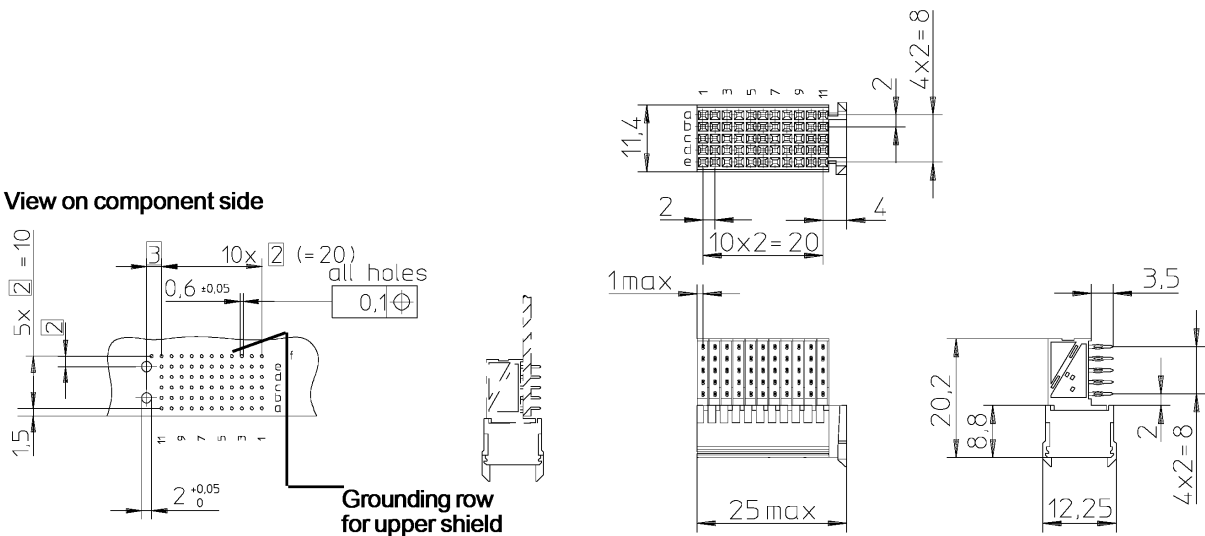


TYPE C 11
Female connectors, right angle

Identification	Number of contacts	Performance level	Part number
TYPE C11	55	1	HM2C11055F51000-L111
	55	2	HM2C11055F51000-L112
TYPE C11 with pre-installed upper shield	55	1	HM2C11055F51001-L111
	55	2	HM2C11055F51001-L112
lower shield for C11	55	1	HM2SMC11L
	55	2	HM2SMC11L

Mechanical dimensions and PCB layout

View on component side



1 performance level (AU 1,25 µm)
2 performance level (AU 0,8 µm)