ESCUBEDO CONNECTION SYSTEMS

PRODUCT DATASHEET

4420F**
6.3 (.250) TYPE SERIES · RECEPTACLES

Specification Standard Terminals

For male (mm) 6,3x0,8

Din Esp

Wire size mm² (AWG) 0,2-0,6 (24-20)

Ø Insulation (mm) 1,4-2,1

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)
4420F00	Brass	Natural	110
4420F02	Brass	Tin plated	120
4420F24	Steel	Nickel-plated	300
4420F30	Bronze	Natural	120
4420F32	Bronze	Tin plated	130

Material thickness (mm) 0,4

Max. rated current

Wire section	4420F00 / 02 / 24 / 30 / 32
0.20 mm²	2A
0.25 mm²	2A
0.35 mm²	6A
0.50 mm²	8A
0.60 mm²	8A

Insertion / Withdrawal forces

	4420F00 / 30	4420F02 / 24 / 32
1st Insertion (max)	60N[1]	60N[1]
1st Withdrawal (max)	60N[1]	60N[1]
1st Withdrawal (min)	27N[1]	22N[1]
6th Withdrawal (min)	22N[1]	18N[1]

[1] Valid for Natural Brass Tab

Application tool MN4420F

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm²	1.10 (±0.03)	1.95 (±0.03)	2.66 (±0.10)	28N @ 60s
0.35 mm²	1.15 (±0.03)	1.95 (±0.03)	2.66 (±0.10)	40N @ 60s
0.50 mm²	1.20 (±0.03)	1.95 (±0.03)	2.66 (±0.10)	56N @ 60s
0.60 mm²	1.25 (±0.05)	1.95 (±0.05)	2.66 (±0.10)	56N @ 60s

Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 8000

Compatible connectors 26310**, 26311**, 26313**, 26316**, 26320**, 26321**

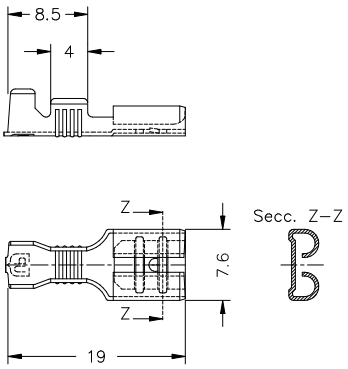
4420F**

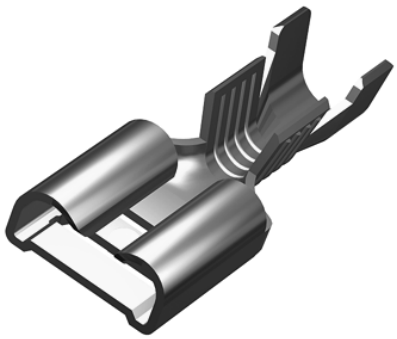
6.3 (.250) TYPE SERIES · RECEPTACLES

Approvals

RoHS

Drawing





Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publicised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us

Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Update insertion and withdrawal forces	2021-11-12	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A3	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A2	Update Insertion / Withdrawal forces	2021-09-21	Laboratory Dept.	E. Roura
A1	Datasheet created automatically [A1]	2019-09-20	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com