

5333F**

RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR



Specification RAST 5 CRIMP CONNECT

Typology Without Upper Dimple

For male (mm) 6,3x0,8

Wire size mm² (AWG) 0,2-0,6 (24-20)

Ø Insulation (mm) 2,1 Max

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5333F00	Brass	Natural	110	(T.B.D.)
5333F01	Brass	Pre-tin-plated	120	(T.B.D.)
5333F24	Steel	Nickel-plated	300	2.00
5333F30	Bronze	Natural	120	(T.B.D.)
5333F31	Bronze	Pre-tin-plated	130	(T.B.D.)
5333F70	German Silver	Natural	210	(T.B.D.)

Material thickness (mm) 0,4

Max. rated current

Wire section	5333F00 / 01 / 24 / 30 / 31 / 70
0.25 mm ²	(T.B.D.)
0.50 mm ²	8A
0.60 mm ²	8A



Insertion / Withdrawal forces

	5333F00 / 01 / 30 / 31	5333F24 / 70
1st Insertion (max)	20N ¹	25N ¹
1st Withdrawal (max)	40N ¹	40N ¹
6th Withdrawal (min)	13N ¹	13N ¹

¹ Valid for Natural Brass Tab

Application tool MN5820F

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm ²	1.10 (±0.03)	1.95 (±0.03)	3.15 (±0.10)	28N @ 60s
0.35 mm ²	1.15 (±0.03)	1.97 (±0.03)	3.15 (±0.10)	40N @ 60s
0.50 mm ²	1.25 (±0.03)	1.97 (±0.03)	3.15 (±0.10)	56N @ 60s
0.60 mm ²	1.30 (±0.05)	1.98 (±0.05)	3.15 (±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 4000

Compatible connectors 26337**, P8533**, P8534**, P8535**, R55310**-K, R55312**-K, R5532**-K, R5533**-K, R5534**-K, R5535**-K, R5536**-K, R5537**-K, R5538**-K, R5539**-K

Approvals

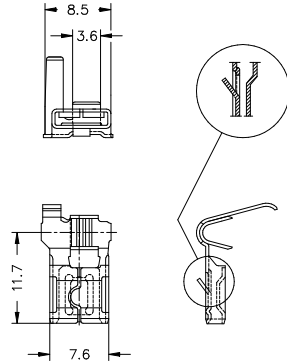


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Drawing



(T.B.D.): To be determined

Disclaimer

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A2	Change company name and logo	2021-10-21	Labotaroy Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2019-01-21	Labotaroy Dept.	E. Roura

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