



5404D01

2.8 mm (.110) UP-TP Terminals



Description TP Low insertion flag for DIN tab terminals 2.8 x 0.8
Wire section range 0.10-0.30 mm² (AWG 26-22)
Max. Insulator Ø 1.8 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (C°)	Resist. (mΩ)
5404D01	Brass	Pre-tin plated	120	2.05

Notes: Temperatures as per DIN 61210 standard.
 Maximal contact resistance (crimp zone + friction zone) with minimal suitable wire size (Using IEC 60760 test method)
 Contact resistance value extrapolated from 5404.01



Material thickness 0.3 mm

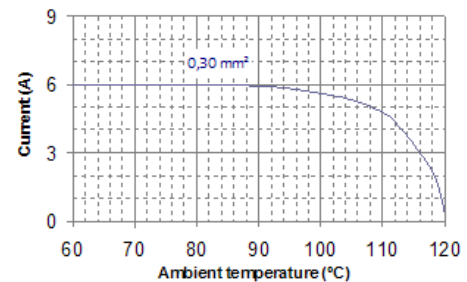
Max. Rated current

Wire section (mm ²)	Current (A)
0.10	(T.B.D)
0.25	(T.B.D)
0.30	6

Thermal derating (see graph →)

Insertion/Withdrawal forces

1st. Insertion	≤ 20 N
1st. Withdrawal	12 ÷ 40 N
10th. Withdrawal	≥ 8 N



Note: 20% security margin is applied on all derating curves.
 Values extrapolated from 5404.01

Application tool MN5400F

Wire stripping length 6.0 (±0.5) mm

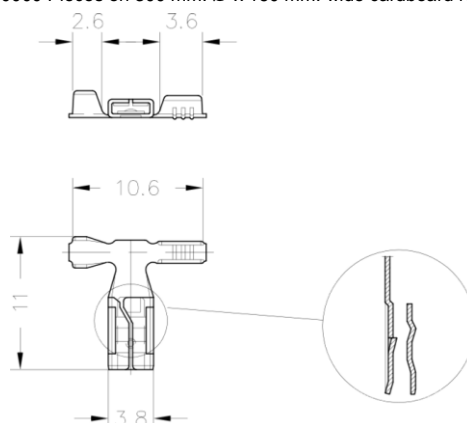
Crimping parameters & Pull out force

Wire section (mm ²)		Conductor (±0.03)			Insulator (±0.10)	Pull-out force (N)
Nominal	Actual	Height (mm.)	Width (mm.)	Width (mm.)		
0.10	0.12	0.80	1.74	2.30	> 30	
0.25	0.22	0.85	1.74	2.28	> 40	
0.30	0.31	0.90	1.75	2.30	> 45	

Note: 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.

Packaging 10000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 12.5 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant



Document History

Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation	18/07/2012	D.Martínez	A.Calvet
2	Add Contact resistance & derating curve	22/07/2013	X.Menac	X.Menac

Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings and equipment, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is published only for informative purposes. It can be changed without prior notice.
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