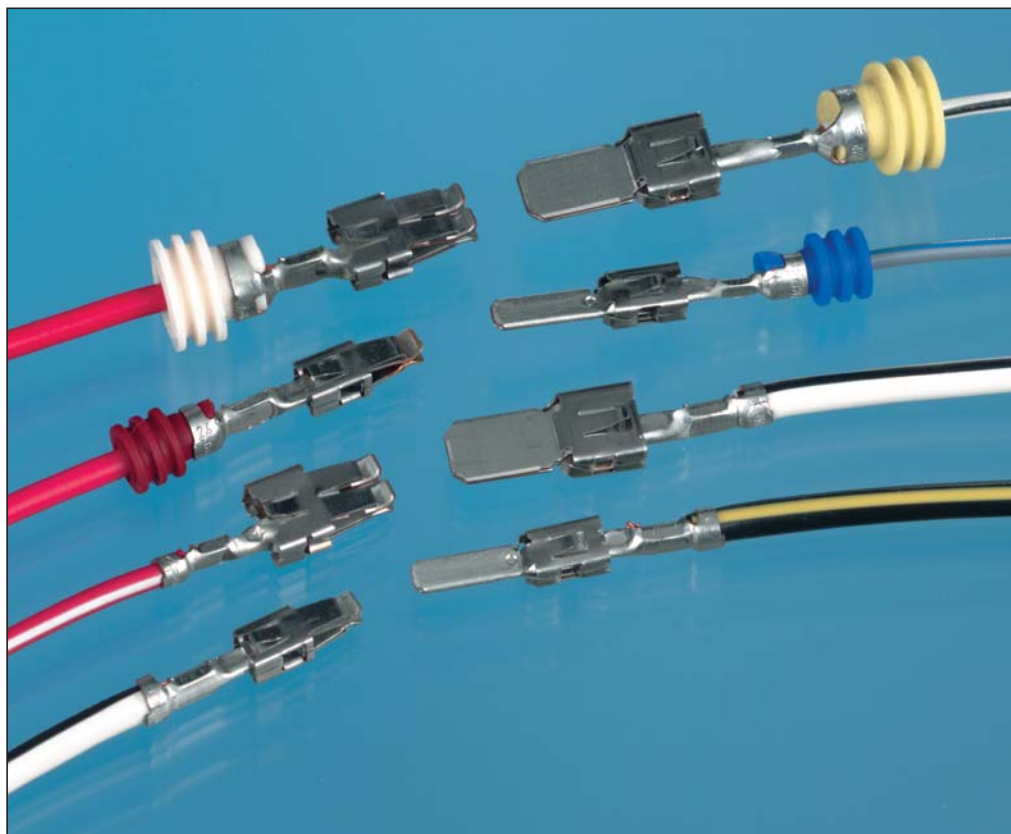
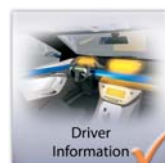
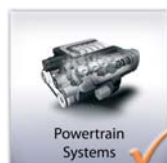

Introduction



The comprehensive range of Tyco Electronics Flat Contact Systems is extensively used in the automotive industries.

The tabs mate with a rich variety of receptacle contacts e.g. Timer. Tabs can be applied in both watertight and non-watertight connectors.

They can be rapidly and economically attached to the lead using Tyco Electronics hand, semi-automatic or fully-automatic tooling.

If required they can be inserted into the housing in a fully-automatic operation.

Tab Contacts Symmetric

Tabs 2.8 x 0.8 mm with Steel Top Spring

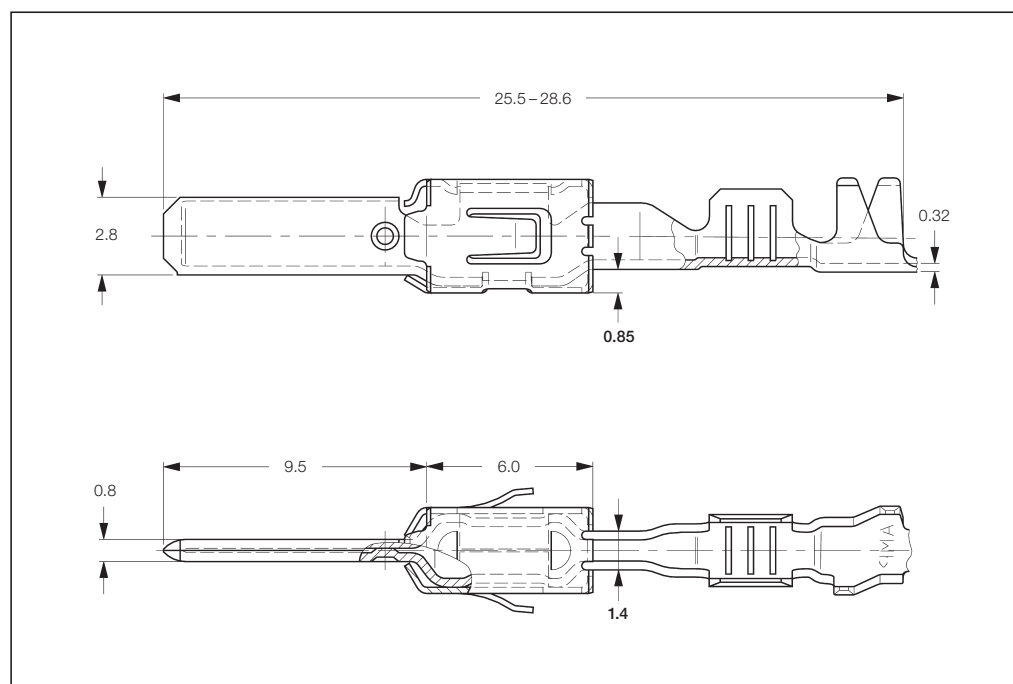
Extraction Tool:

Part No. **1-1579007-6**

Product Group Drawing:
1355052

Product Specification:
108-18063

Application Specification:
114-18051



Standard Tab Contacts

Wire Size Range (mm²)	Insulation Diameter (mm)		Material and Finish*	Part Numbers					Hand Tool Complete
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator*	
0.2–0.5	–	1.15–1.60	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	963860	4,000	963861	500	x-1528859-x	734538-1
0.5–1.0	–	1.4–2.0	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	962841	4,000	963745	500	x-1528315-x	2063490-1
1.5–2.5	–	2.1–2.9	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	962842	3,500	963746	500	x-1528305-x	2063490-1
1.5–2.5	2.4–3.7	–	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	962843	3,000	963747	500	–	734417-3
4.0	–	3.4–3.7	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2 / 3-xxx-1	968946	2,700	968965	500	x-1528430-x	–

Tab Contacts with Single Wire Sealing System

Wire Size Range (mm²)	Insulation Diameter (mm)		Material and Finish*	Part Numbers					Hand Tool Complete
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator*	
0.2–0.5	–	max. 2.1	1-xxx-1 / 1-xxx-3	965982	3,500	965983	500	x-1528406-x	–
0.5–1.0	–	max. 2.1	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	962915	3,500	963748	500	x-1528452-x	2063490-1
1.5–2.5	–	max. 3.0	1-xxx-1 / 1-xxx-2 / 1-xxx-3 / 2-xxx-1 / 2-xxx-2 / 2-xxx-3	962916	3,500	963749	500	x-1528316-x	2063490-1
4.0	–	max. 3.7	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2 / 3-xxx-1	968947	3,500	968966	500	x-1528067-x	–
AWG 12	GXL = max. 3.55		1-xxx-1 / 1-xxx-2	1719504	3,500	1719503	500	x-1852291-x	–

*) Material and Finish:

1-xxx-1 = CuSn, pre-tin plated
1-xxx-2 = CuSn, selective silver plated
1-xxx-3 = CuSn, selective gold plated

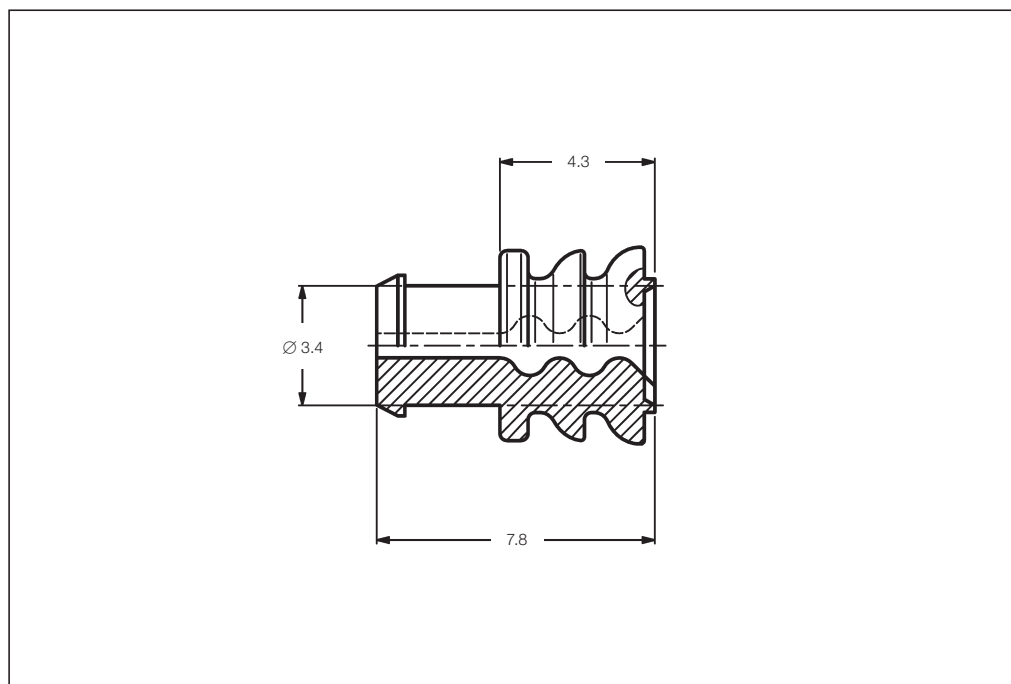
2-xxx-1 = CuFe, pre-tin plated
2-xxx-2 = CuFe, selective silver plated
2-xxx-3 = CuFe, selective gold plated
3-xxx-1 = CuSn, pre-tin plated

♦)

The pre- and suffix for the applicators depends on the applied termination equipment.

Single Wire Seals and Sealing Plugs

Single Wire Seals and Sealing Plugs



Insulation Diameter (mm)	Color	Part Number	Package Quantity
1.2–2.1	Blue	828904-1	1,000
		828904-2	10,000
2.2–3.0	White	828905-1	10,000
		828922-1	10,000
Sealing Plug	Natural	828922-1	10,000
	Green	828922-2	10,000

Tab Contacts Symmetric

Tabs 5.8 x 0.8 mm with Steel Top Spring

Extraction Tool:

Part No. **1-1579007-6**

Product Group Drawing:

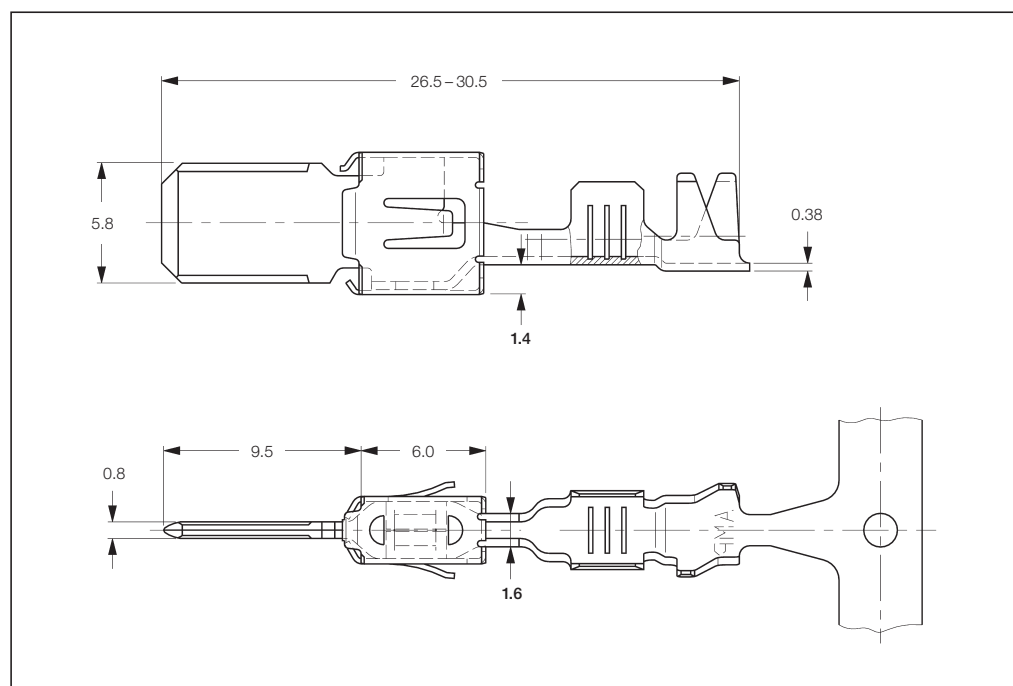
1241895

Product Specification:

108-18064

Application Specification:

114-18052



Standard Tab Contacts

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator	
0.2-0.5	–	1.15-1.60	1-xxx-1 / 2-xxx-1	965984	2,000	965985	500	–	–
0.5-1.0	–	1.4-2.1	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	963734	1,700	963737	500	–	539759-2
1.5-2.5	–	2.2-3.0	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	963735	1,800	963738	500	–	734688-1** 539623-1***
>2.5-4.0	–	2.7-3.7	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	963736	1,800	963739	500	–	539623-1**
1.5-2.5	2.4-3.7	–	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	962845	1,700	963740	500	–	539759-2
3.0-4.0	3.3-4.5	–	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	962846	1,800	963741	500	–	–
4.0-6.0	4.0-5.2	–	1-xxx-1 / 2-xxx-1	968050	1,500	968051	500	–	–

Tab Contacts with Single Wire Sealing System

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator	
0.5-1.0	–	1.4-2.1	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	962917	1,500	963742	500	–	–
1.5-2.5	–	2.2-3.0	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	962918	1,500	963743	500	–	539757-2
>2.5-4.0	–	2.7-3.7	1-xxx-1 / 1-xxx-2 / 2-xxx-1 / 2-xxx-2	962919	1,500	963744	500	–	–

*) Material and Finish:

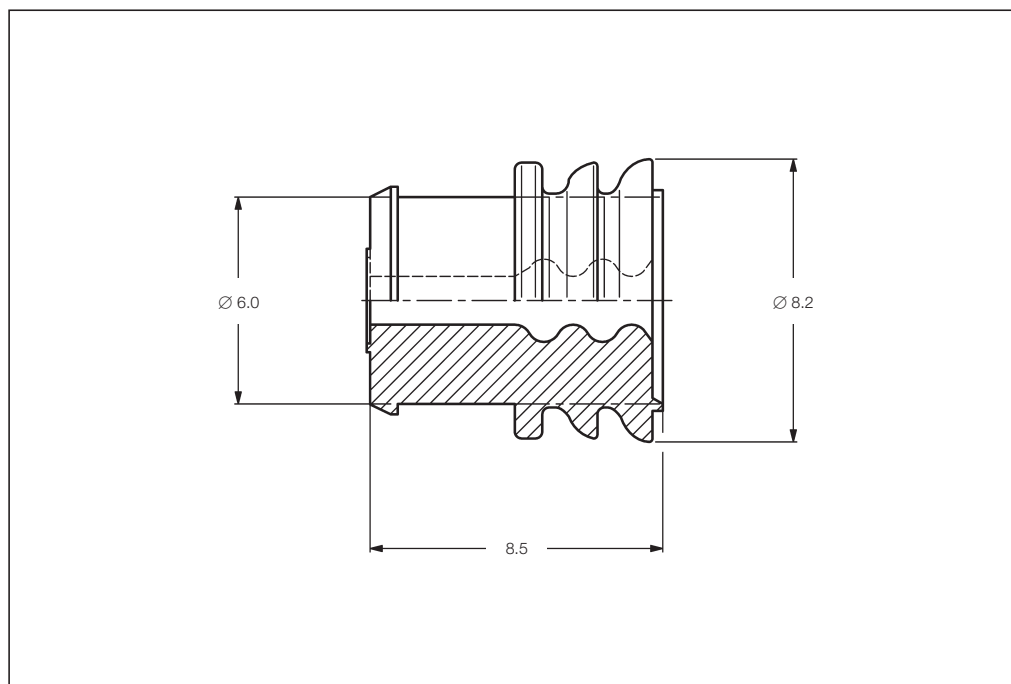
- 1-xxx-1 = CuSn, pre-tin plated
- 1-xxx-2 = CuSn, selective silver plated
- 2-xxx-1 = CuFe, pre-tin plated
- 2-xxx-2 = CuFe, selective silver plated

Remarks:

- ***) Hand Tool complete
- ***) Hand Tool for 2.5 mm²

Single Wire Seals and Sealing Plugs

Single Wire Seals and Sealing Plugs



Insulation Diameter (mm)	Color	Part Number	Package Quantity
1.4–2.1	Blue	963243-1	2,500
2.2–3.0	White	963244-1	2,500
3.4–3.7	Yellow	963245-1	2,500
Sealing Plug	Black	100132-1	1,000

Engineering Notes

