



Product
Applications



Terminal
System
Overview



Housing
Overview

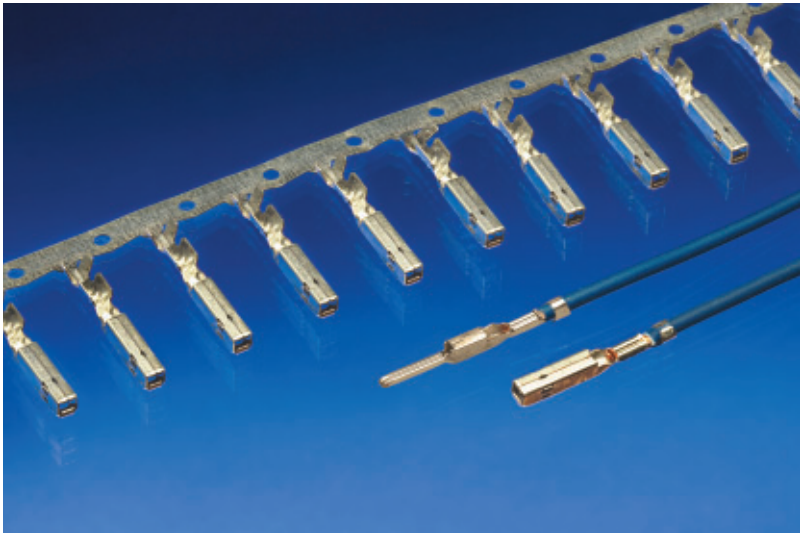
APEX 150



1.5 mm female and male terminals

Features

- High performance Apex technology
- High current carrying capacity
- 3.5 mm pitch (mat-seal or unsealed)
- Selective gold plated versions available
- Meets or exceeds USCAR Automotive performance specifications
- High temperature applications
- High vibration applications
- Heavy duty applications



Performance characteristics

- Contact resistance: < 0.5 mΩ
- Contact mating force: < 3.5 N
- Contact unmating force: > 1.0 N

- Current carrying capacity with:
0.75mm² wire
at 23° C up to approx.: 25 A
at 85° C up to approx.: 25 A
at 100° C up to approx.: 22 A
at 125° C up to approx.: 12 A

Tooling

- Manual crimping tool: 54900049
- Mini applicator: Contact us

Housings

[Click here to see APEX housings](#)

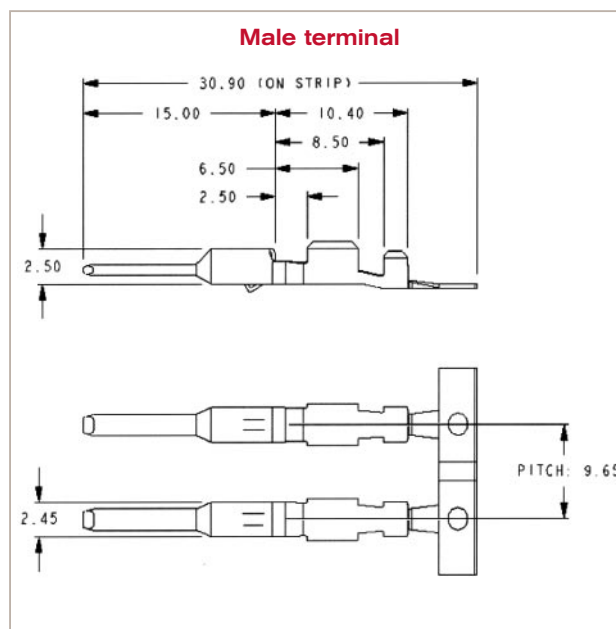
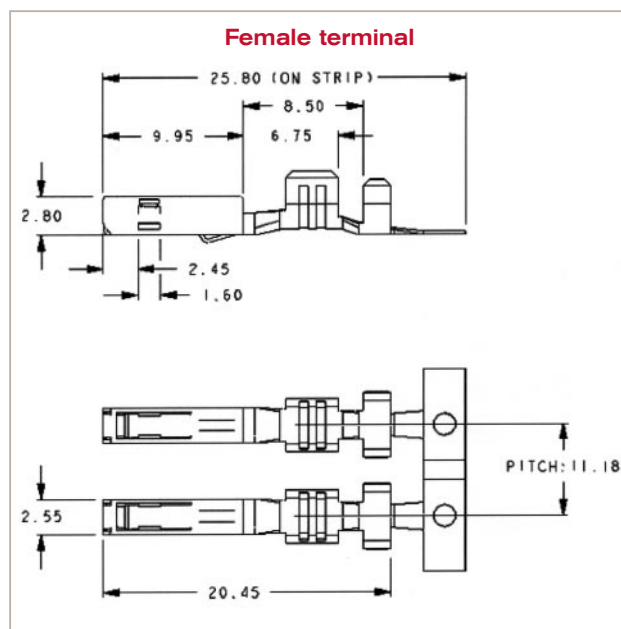
Part Numbers	Type	Wire size range (in AWG)		Insulation Ø (in mm) Max.	Material	Plating
		Min.	Max.			
54001625	Female	18	16	2.41	CeFe/CuNiSi	Sn
54002000	Female	22	20	1.93	CeFe/CuNiSi	Sn
54001627	Female	18	16	2.41	CeFe/CuNiSi	Au
54002002	Female	22	20	1.93	CeFe/CuNiSi	Au
54001626	Male	18	16	2.41	CeFe/CuNiSi	Sn
54002001	Male	22	20	1.93	CeFe/CuNiSi	Sn
54001628	Male	18	16	2.41	CeFe/CuNiSi	Au
54002003	Male	22	20	1.93	CeFe/CuNiSi	Au



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Dimensional characteristics



Notes :

