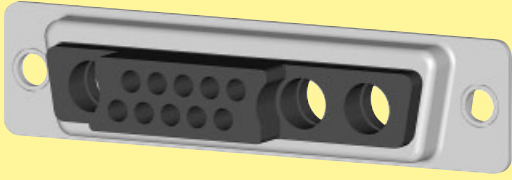



Connectors for cable applications – general information

Two termination processes are available: crimp or solder

<p>Shell</p>		
<p>Signal contacts</p>	<p>Crimp termination</p> <ul style="list-style-type: none"> For wire gauge: AWG 20-24 or 26-28 Plating: 0.76 µm or 0.2 µm Au over Ni 	<p>Pre-mounted solder cup contacts</p> <ul style="list-style-type: none"> Plating: 0.76 µm or 0.1 µm Au over Ni
<p>Power contacts</p>	<p>Crimp</p> <ul style="list-style-type: none"> Rating: 10, 20, 30, 40 A Plating: <ul style="list-style-type: none"> Mating side 0.76 µm or 0.2 µm Au Terminating side 0.2 µm Au <p>Solder cup</p> <ul style="list-style-type: none"> Rating: 10, 20, 30, 40 A Plating: <ul style="list-style-type: none"> Mating side 0.76 µm or 0.2 µm Au Terminating side 0.2 µm Au or 5 µm Sn 	<p>Crimp</p> <ul style="list-style-type: none"> Rating: 10, 20, 30, 40 A Plating: <ul style="list-style-type: none"> Mating side 0.76 µm or 0.2 µm Au Terminating side 0.2 µm Au <p>Solder cup</p> <ul style="list-style-type: none"> Rating: 10, 20, 30, 40 A Plating: <ul style="list-style-type: none"> Mating side 0.76 µm or 0.2 µm Au Terminating side 0.2 µm Au or 5 µm Sn
<p>Coaxial contacts¹⁾</p>	<p>Solder/crimp termination resp. Crimp/crimp termination</p> <ul style="list-style-type: none"> 50 or 75 Ω Plating: <ul style="list-style-type: none"> Mating side <ul style="list-style-type: none"> 1.3 µm or 0.2 µm Au inner conductor 0.76 µm or 0.2 µm Au outer ring Terminating side <ul style="list-style-type: none"> 1.3 µm or 0.2 µm Au inner conductor 0.2 µm Au or 5 µm Sn outer ring Ferrule 0.2 µm Au or 5 µm Sn Cables: RG 178, 179 ... 	<p>Solder/crimp termination resp. Crimp/crimp termination</p> <ul style="list-style-type: none"> 50 or 75 Ω Plating: <ul style="list-style-type: none"> Mating side <ul style="list-style-type: none"> 1.3 µm or 0.2 µm Au inner conductor 0.76 µm or 0.2 µm Au outer ring Terminating side <ul style="list-style-type: none"> 1.3 µm or 0.2 µm Au inner conductor 0.2 µm Au or 5 µm Sn outer ring Ferrule 0.2 µm Au or 5 µm Sn Cables: RG 178, 179 ...
<p>High voltage contacts</p>	<p>Solder termination</p> <ul style="list-style-type: none"> Plating: 1.3 µm Au over Ni terminating and mating side 	<p>Solder termination</p> <ul style="list-style-type: none"> Plating: 1.3 µm Au over Ni terminating and mating side

¹⁾ Coaxial contacts are provided in two versions:

- Inner conductor soldered and outer part crimped (solder/crimp termination)
- Both inner and outer part crimped (crimp/crimp termination); this version is recommended for medium or large size volume since crimping is faster than soldering.