CFBA4199 Series

Standard Bonding Lead Solutions

CFBA4199-004 bonding leads are designed specifically for Aerospace and Military applications. They have undergone extensive mechanical and electrical testing, including flex testing to 250,000 cycles, sinusoidal and random vibration cycles, salt mist testing and temperature cycling.

CFBA4199-004 bonding leads are manufactured from multi-layer round braid and are available in tin-plated and nickel-plated copper in a variety of cross-sectional areas, lengths and termination options.

Operating Temperature

- Tin-plated Cu: -65ºC to +150ºC
- Nickel-plated Cu: -65ºC to +260ºC
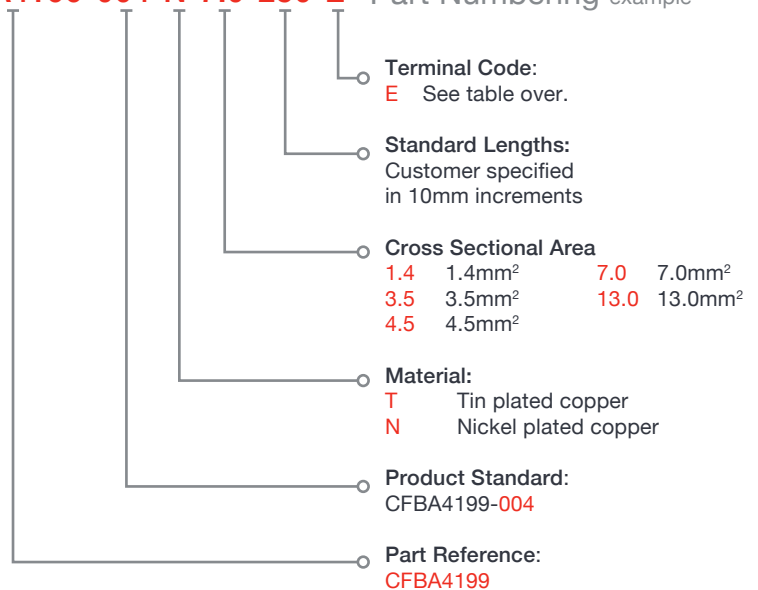
Performance Testing

- Sinusoidal and random vibration
- Mechanical fatigue 250,000 cycles
- Salt mist, 48 hrs
- Temperature endurance
- Terminal ageing by temperature and current cycling
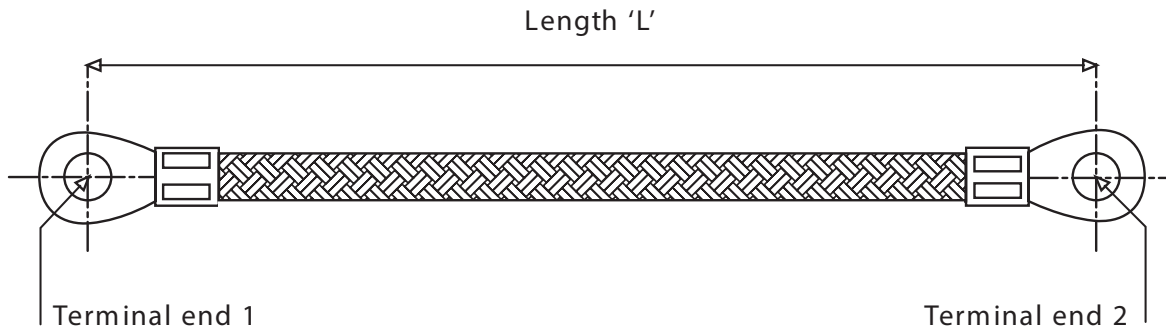- Voltage drop
- Tensile strength

COMPLIANT · COMPLIANT

REACH ✓

RoHS compliant

Tested in Accordance EN4199-001
Designed for Aerospace and Defence Applications

Choice of Terminal Sizes
Tin and Nickel Plated Copper

CFBA4199-004-N-7.0-250-E   Part Numbering example

Terminal Code:
E   See table over.

Standard Lengths:
Customer specified in 10mm increments

Cross Sectional Area

1.4	1.4mm²	7.0	7.0mm²
3.5	3.5mm²	13.0	13.0mm²
4.5	4.5mm²		

Material:
T   Tin plated copper
N   Nickel plated copper

Product Standard:
CFBA4199-004

Part Reference:
CFBA4199

iS Cabletec

Standard Configurations

Length 'L'

Terminal end 1   Terminal end 2

Terminal Availability by Cross Sectional Area

Terminal Code	End One		End Two		Availability for Cross-Sectional Area				
	Stud	Hole Ø	Stud	Hole Ø	1.4mm²	3.5mm²	4.5mm²	7.0mm²	13.0mm²
A	#6	3.68mm	#6	3.68mm	✓	✓	✓		
B	#8	4.34mm	#8	3.68mm	✓	✓	✓		
C	#10	5.00mm	#6	3.68mm	✓	✓	✓		
D	1/4"	6.73mm	#6	3.68mm	✓	✓	✓		
E	#8	4.34mm	#8	4.34mm	✓	✓	✓	✓	
F	#10	5.00mm	#8	4.34mm	✓	✓	✓	✓	
G	1/4"	6.73mm	#8	4.34mm	✓	✓	✓	✓	
H	#10	5.00mm	#10	5.00mm	✓	✓	✓	✓	✓
J	1/4"	6.73mm	#10	5.00mm	✓	✓	✓	✓	✓
K	1/4"	6.73mm	1/4"	6.73mm	✓	✓	✓	✓	✓
L	5/16"	8.33mm	#10	5.00mm	✓			✓	✓
M	5/16"	8.33mm	5/16"	8.33mm	✓			✓	✓
N	5/16"	8.33mm	1/4"	6.73mm					✓

Standard Lengths Available by Cross Sectional Area

Standard Lengths	Availability for Cross-Sectional Area				
'L' mm	1.4mm²	3.5mm²	4.5mm²	7.0mm²	13.0mm²
63	✓			✓	
80	✓	✓	✓	✓	✓
100	✓	✓	✓	✓	✓
125	✓	✓	✓	✓	✓
160	✓	✓	✓	✓	✓
200	✓	✓	✓	✓	✓
250	✓	✓		✓	✓
315	✓			✓	
400	✓	✓	✓	✓	
500		✓		✓	
630				✓	
800				✓	

Other lengths are available

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