

Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



1,2 AFK - Receptacle Terminal

N 02 006 022X XXX



PRODUCT CHARACTERISTICS

General Features

- Receptacle terminal for applications in Automotive
- Unique one-piece design
- High vibration characteristics in spite of one-piece design
- Very good electrical properties
- Validated according LV 214

CONSTRUCTION

Contact material

- CuNiSiMg
- Sn and Ag plated

Gender

Female

Sealing options

Unsealed, single wire seal

Compatible to contact chambers:

- VW WSK 013 070 DO (with EAD)
- VW WSK 013 070 CQ (without EAD)

PERFORMANCE CHARACTERISTICS

Contact resistance

1.6 mOhm

Contact mating force

4.0N

Contact unmating force

2.5N

Mating cycles

20(Sn) / 50(Ag)

Max. temperature

150°

Max current (21°C)

14,2A

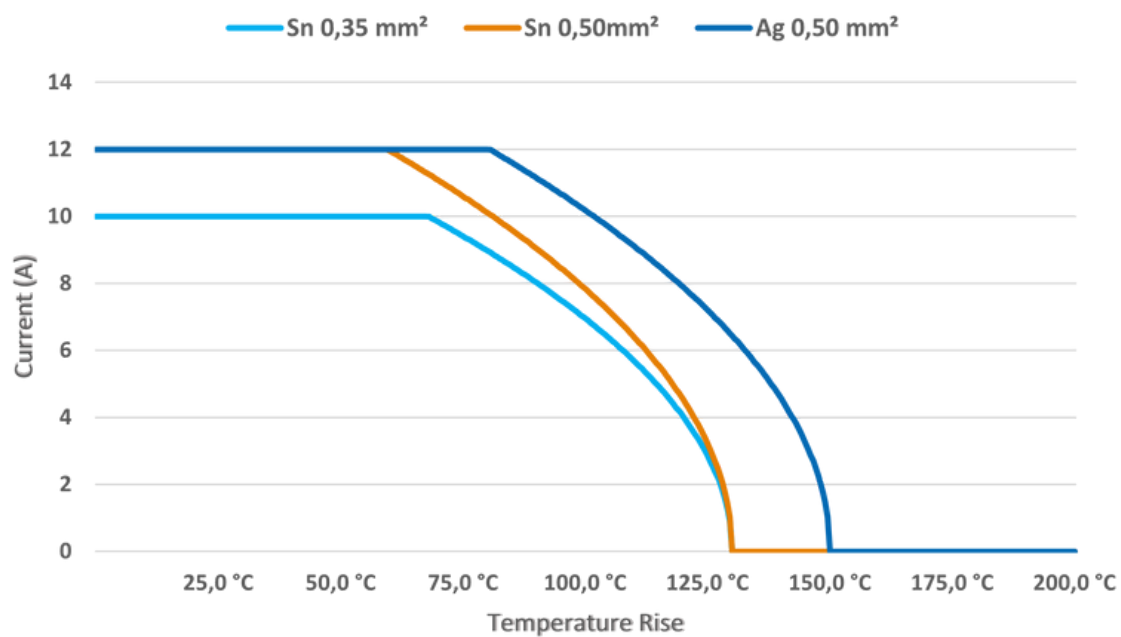
Max current (80°C)

9,8A

PRODUCT VARIATIONS

Part Number	Sealing	Gender	Plating	Wire size (mm ²)
N 02 006 0222 10x	Unsealed	F	Sn, Ag	0,35
N 02 006 0224 10x	Unsealed	F	Sn, Ag	0,5
N 02 006 0223 10x	Single wire seal	F	Sn, Ag	0,35
N 02 006 0225 10x	Single wire seal	F	Sn, Ag	0,5

DERATING CURVE



MAXIMUM TEMPERATURE

