

AMPMODU System – Foil, Multiple Crimp Socket Contact

Technical Features

Contact Material:

CuSn4

Contact Finish:

pre-tin plated.
selective gold plated on request

Contact Resistance (New State):

CuSn4: $\leq 3 \text{ m}\Omega$

Total Temperature max.:*

-40 °C to +120 °C

Mating Cycles:

dependant of plating thicknesses,
see product specification

Insertion Force:

Standard: 4.2 N max.
High Pressure: 10.2 N max.

Extraction Force:

Standard: 0.4 N min.
High Pressure: 0.8 N min.

**Retention Force
(from Housing):**

– without second locking device
> 13 N
depends on housing material

Dimensions of Male Contacts:

0.67 x 0.71 mm

Conductor Thickness:

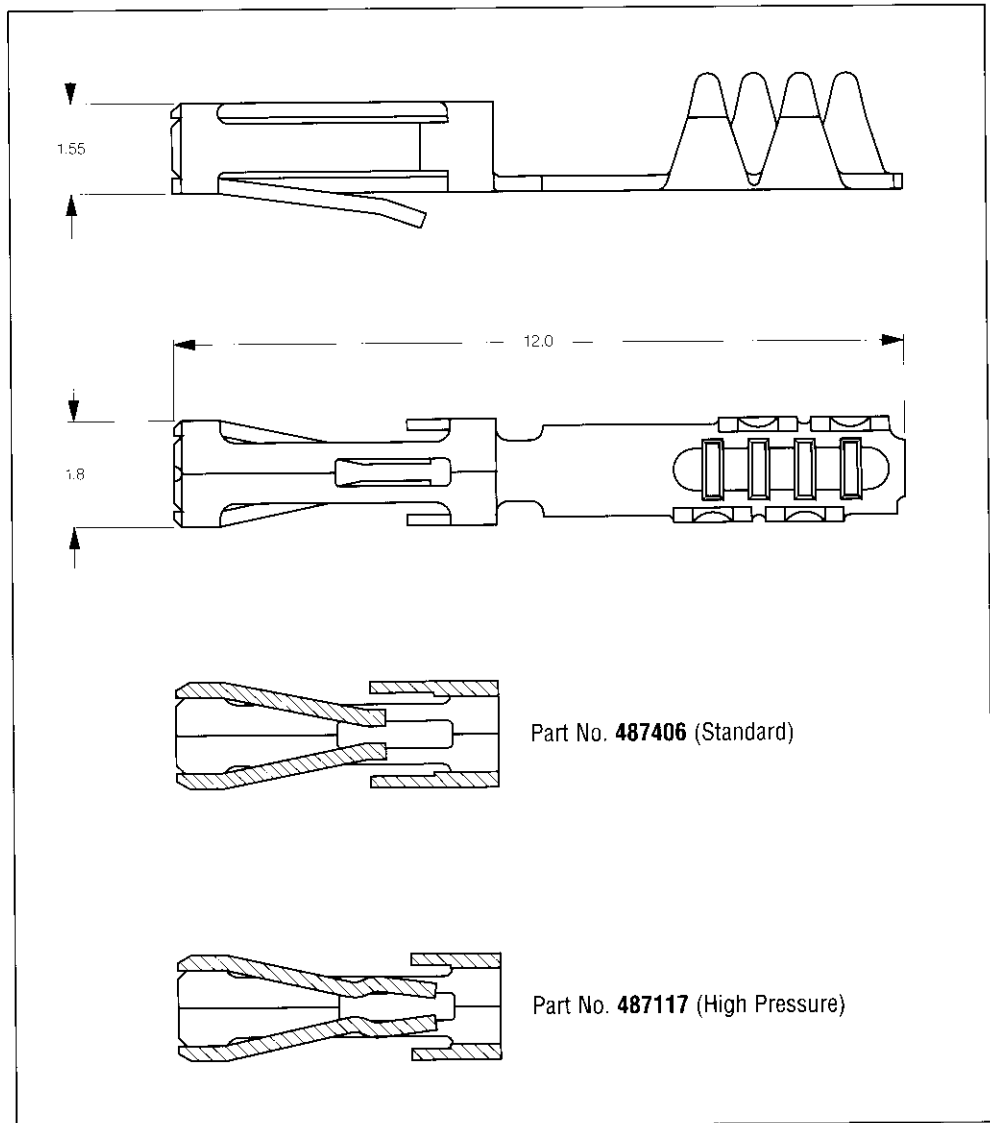
4–200 μm

Product Specification:

108-9024

Application Specification:

114-16015



Socket Contacts

Wire Size Range* (mm ²)	Insulation Diameter*		Material and Finish**	Part Numbers					
	FLK (mm)	FLR (mm)		Strip Form	Packaging Unit	Loose- Piece	Packaging Unit	Applicator	Hand Tool
			2	487406-1	14,000				
			3	487406-2	14,000				
			5	487406-3	14,000	–	–	224910	90273-5
			1	487406-4	14,000				
			6	487406-9	14,000				
			2	487117-4	10,000				
			3	487117-5	10,000	–	–	318619	90273-5
			1	487117-8	10,000				

*) Depending on Foil

****): Material and Finish:**

- 1 = Tin on mating area, crimp area tin plated
- 2 = 0.38 μm gold on mating area, crimp area tin plated
- 3 = 0.76 μm gold on mating area, crimp area tin plated
- 5 = 1.27 μm gold on mating area, crimp area tin plated
- 6 = 1.27 μm gold on mating area, crimp area gold plated