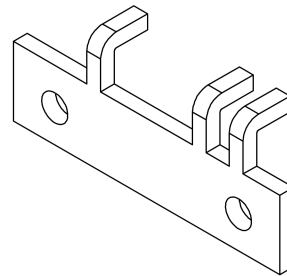
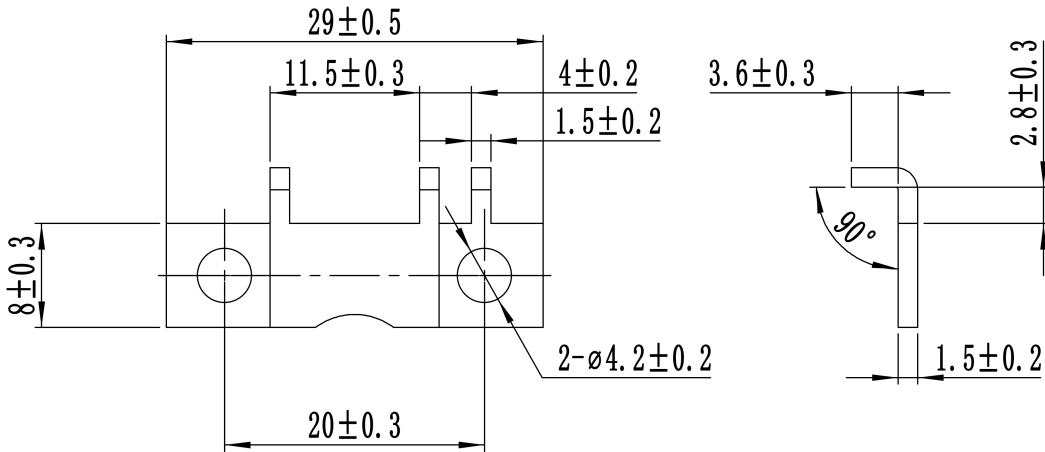




TEHNO OPTOELECTRONICA SRL
PRECISION CURRENT-SENSING COMPONENTS



REV.	DATE	DESCRIPTION	APPROVED
A0		Initial release	

TECHNICAL REQUIREMENTS

- Electron beam welding shall be used at the joints between manganin and oxygen-free copper (OFC).
- Unless otherwise specified, general tolerances for linear and angular dimensions shall comply with ISO 2768-1, class m.
- Nominal resistance: 500 $\mu\Omega$. Resistance tolerance: $\pm 5\%$.
- Surfaces shall be smooth, clean, and free from burrs, pits, warping, dents, and similar visible defects.
- All dimensions are in millimetres unless otherwise specified.

AVAILABLE RESISTANCE VALUES

RESISTANCE VALUE ($\mu\Omega$)
100
250
300
430
500
OTHER / CUSTOM

PRODUCT DATA

MATERIAL	Manganin + OFC
RESISTANCE TOL.	$\pm 5\%$
GENERAL TOL.	ISO 2768-1 m
UNITS	mm
WELDING	Electron beam
FINISH	Smooth / burr-free

TEHNO OPTOELECTRONICA SRL

CURRENT SHUNT RESISTOR

Nominal resistance: 500 $\mu\Omega$ | Resistance tolerance: $\pm 5\%$

DRAWING / PART NUMBER

TEHNOEL2908L500J

REVISION	SCALE	UNITS	SHEET	FORMAT
A0	1:1	mm	1 / 1	A4
DRAWN BY	CHECKED BY	APPROVED BY	DATE	STATUS
-	-	-	-	RELEASED

PROPRIETARY DRAWING - DIMENSIONS AND TOLERANCES SHOWN ON THIS SHEET GOVERN.