

DOUBLE TIPPED CONTACT PROBE

RNP20-AR-TT

Fine-pitch contact for IC test sockets
and electrical inspection fixtures.

AR TIP / BOTH ENDS



Ø0.20 mm barrel • 10.5 mm reference overall length

External-profile illustration; enlarged for visibility.

0.30 mm

MINIMUM MOUNTING PITCH

1.30 mm

FULL STROKE

0.5 A

ALLOWABLE CURRENT

SINGLE-CODE SPECIFICATION

THOR THEK ordering code	RNP20-AR-TT
Probe type	Double tipped, spring-loaded contact probe
Tip configuration	AR selected end / AR fixed opposite end
Tip diameter, d	Ø0.12 mm
AR tip geometry	60° included angle; R0.02 mm (reference)
Initial spring pressure	2 gf
Spring pressure at 2/3 stroke	6 gf
Electrical resistance	300 mΩ (catalogue value)
Reference barrel hole diameter	Ø0.22 mm
Reference replacement interval	60,000 cycles*

*Reference replacement interval, not a guaranteed service life. Reference values are drawn from RNP20-AR; supplied-lot conformity and fixture suitability require confirmation.

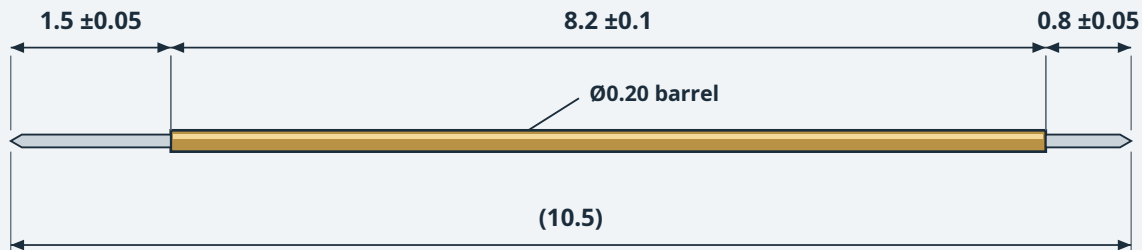
STOCK AVAILABLE | REPLENISHMENT PRODUCTION

Available quantity and delivery schedule are confirmed at quotation.

MECHANICAL REFERENCE

One code. Defined geometry.

Dimensions in mm. Bracketed dimensions are reference values.
External-envelope drawing; internal construction is not shown.

**TIP A: AR**

Selected end: AR
 $d = \text{Ø}0.12$

TIP B: AR

Fixed opposite end: AR
 $d = \text{Ø}0.12$

AR profile: 60° / R0.02 (reference)

MATERIAL REFERENCE

Contact tip	SK4, per the RNP20-specific catalogue note.
Barrel	Gold clad, per the RNP20-specific catalogue note.
Spring	SWP; gold plating, per the common parts table.

The RNP20-specific material note takes precedence over the general C1730B / brass table. The source does not separately define RNP20 tip finish or the gold-clad barrel core.

APPLICATION & SUPPLY

Application: IC test sockets and electrical inspection fixtures. Confirm socket fit, working compression, contact resistance and contact marks for the intended equipment.

Order: RNP20-AR-TT + required quantity + delivery date. THOR**THEK** holds stock and can arrange additional production. Allocation and production lead time follow the quotation.

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Reference: supplied MISUMI catalogue p1_1865.pdf, RNP20-AR data only. RNP20-AR-TT is the THOR**THEK** ordering code; replacement acceptance is subject to customer approval.