

OPENS TESTING PRODUCTS

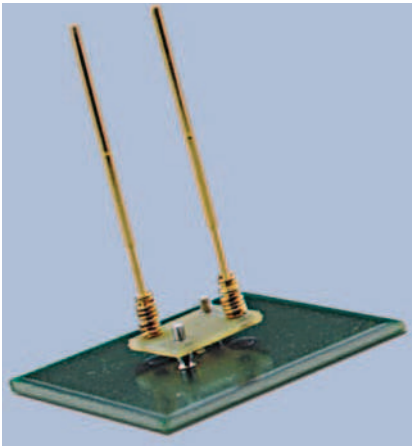
Order your ECT Opens Testing Products from ROMEX B.V. Remmerden 5, 3911 TZ Rhenen, The Netherlands,
Phone: +31-(0)317-389787, Fax: +31-(0)317-389780, E-mail: info@romex.nl. Website WWW.ROMEX.NL.

OPENS TESTING PRODUCTS

Since some time already, US companies originally had developed vectorless test techniques for detecting open pins on component packages and connectors:

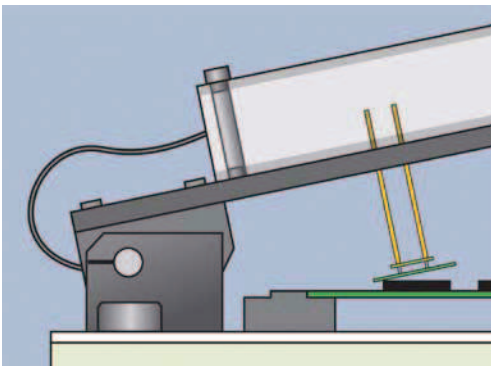
- HP/Agilent with TestJet and VTEP parts
- GenRad with OpensXpress parts (now part of Teradyne Inc.)
- Teradyne with FrameScan Plus and FrameScan FX2.0 parts.

ECT itself developed the Hanger probes:

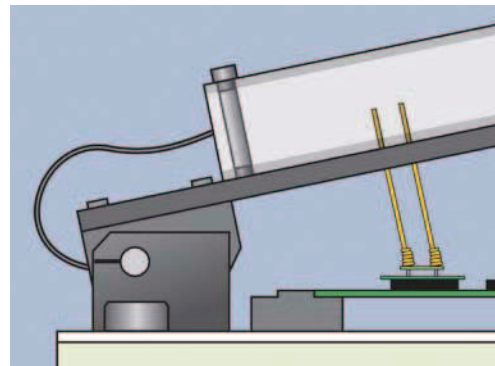


Hanger Probe

Hanger Probes – The compliant motion of the ECT hanger style probes is perfect for use with non level or non parallel applications. By lessening the side forces, there is less opportunity for damage to the sensors under test.



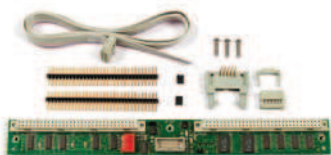
Old style during gate closure. Note stress interference due to non-compliance in the sensor probe combination.



ECT spring loaded hanger style offers compliance during gate closure and operation.

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TestJet MUX Card pkg



for up to 64 sensors

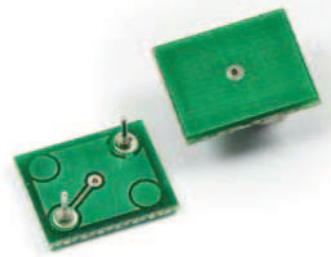
P/No: 804352

Agilent P/No E3849A

It includes

- 1 MUX card
- connectors
- ribbon cable

Sensor Plate .475" x .375" x .050" thick



12,0 x 9,5 x 1,3 mm thick

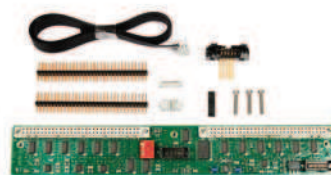
Size S014, S016

P/No: 806437

Agilent P/No: E3851A

packing unit: 10 pieces

TESTJET MUX + Ref Card pkg



for up to 64 sensors & ConnectCheck

P/NO: 806924

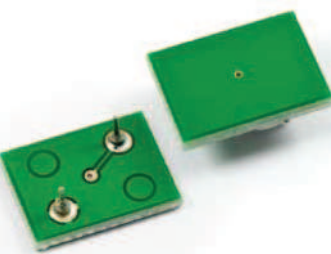
Agilent P/No E3969A

Signal Conditioner + Reference Board

It includes

- 1 MUX + Ref card
- connectors
- ribbon cable

Sensor Plate .575" x .425" x .050" thick



14,6 x 10,8 x 1,3 mm thick

Size S020

P/No: 806438

Agilent P/No: E3852A

packing unit: 10 pieces

TestJet Probe pkg



for mounting in bottom side probe field

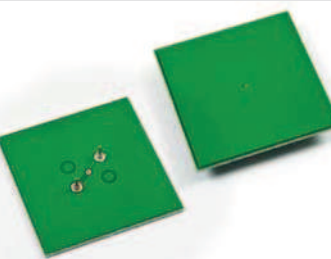
P/No: 804353

Agilent P/Nos: E3850A / E3960A

It includes

- 1 amplifier board
- 2 probes LTP-25TJ-4 (Agilent E3963A)

Sensor Plate 1.25" x 1.25" x .050" thick



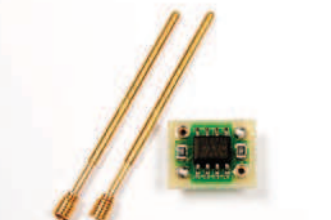
31,8 x 31,8 x 1,3 mm thick

P/No: 806435

Agilent P/No: E3853A

packing unit: 10 pieces

ECT Hanger TestJet pkg



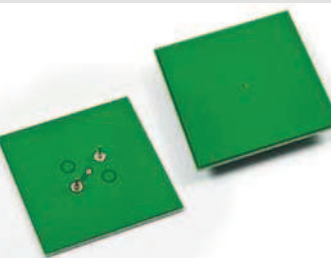
for mounting in bottom and top side probe field

P/No: 804855 alternative for Agilent P/No E3850A/E3960A

It includes

- 1 amplifier board with 2 tapped pins SAP-25W-3 pressed-in
- 2 hanger probes with spiral spring head HTJ-25A

Sensor Plate 2.56" x 2.56" x .050" thick



65 x 65 x 1,3 mm thick

P/No: 806436

Agilent P/No: E3854A

packing unit: 1 piece

Agilent TestJet Parts

TestJet & VTEP Parts for Agilent 3070 fixtures

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Sensor Plate .500" x 6.25" x .050" thick



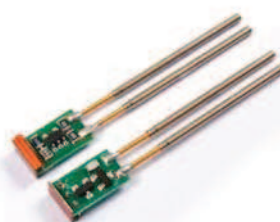
12,7 x 159 x 1,3 mm thick

P/No: 806439

Agilent P/No: E3964A

Packing unit: 1 piece

Assembled Vertical Polarity Check part



P/No of ECT Munich:

SP-0074

P/No of Dover/Hungary:

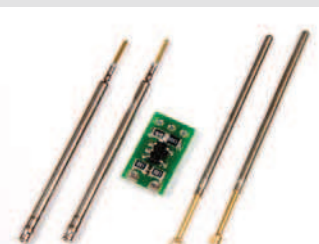
805283A-BC

It includes

- 2 spring probes 805284
- 1 sensor plate B-C 805285
- soldered to amplifier board 805283

packing unit: 1 piece

Polarity Check vertical Amplifier pkg



P/No: 805283

Agilent P/Nos: E3845A /

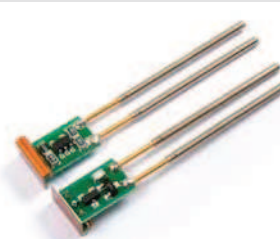
E3847A

It includes

- 1 amplifier board
- 2 probes 805284
- 2 receptacles 805287

packing unit: 1 package

Assembled Vertical Polarity Check part



P/No of ECT Munich:

SP-0075

P/No of Dover/Hungary:

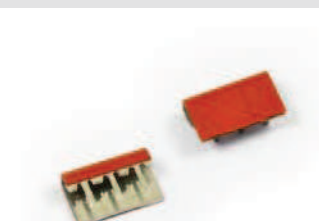
805283A-D

It includes

- 2 spring probes 805284
- 1 sensor plate D 805286
- soldered to amplifier board 805283

packing unit: 1 piece

Sensor Plate for Polarity Check



for SMT capacitors size B-C

Size .248" x .147"

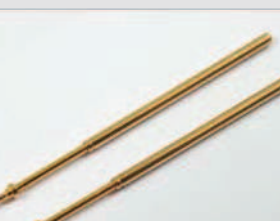
(6,3 x 3,7 mm)

P/No: 805285

Agilent P/No: E3891A

packing unit: 10 pieces

Replacement spring probe



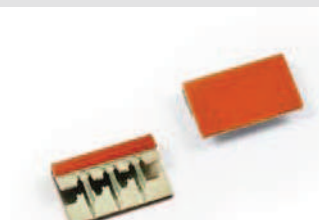
for amplifier board 804353

P/No: LTP-25TJ-4

Agilent P/No: E3963A

Spring force 4 oz (110 cN)
at working travel .315" (8,00 mm)

Sensor Plate for Polarity Check



for SMT capacitors Size D

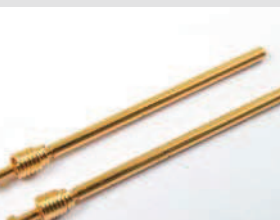
Size: .298" x .191" (7,6 x 4,9 mm)

P/No: 805286

Agilent P/No: E3892A

packing unit: 10 pieces

Short Hanger Probe



P/No: HTJ-25A

OAL: 1.25" (31,8 mm)

Plunger length: .279" (7,1 mm)

Full Travel: .220" (5,6 mm)

Working travel: .167" (4,2 mm)

Spring force: 3.5 oz (100cN)
at working travel

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Long Hanger Probe



P/No: SPL-25A-331
OAL: 1.625" (41,3 mm)
Plunger length: .654" (26,1 mm)
Full travel: .220" (5,6 mm)
Working travel: .167" (4,2 mm)
Spring force: 3.5 oz (100 cN)
at working travel

Extra Long Hanger Probe



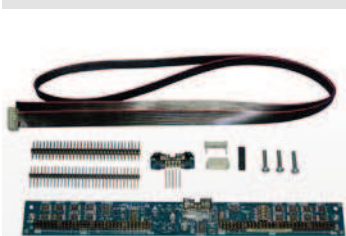
P/No: SPL-25A-332
OAL: 2" (50,8 mm)
Plunger length: 1.029" (26,1 mm)
Full travel: .220" (5,6 mm)
Working travel: .167" (4,2 mm)
Spring force: 3.5 oz (100 cN)
at working travel

Agilent TestJet Parts

TestJet & VTEP Parts for Agilent 3070 fixtures

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VTEP MUX Card pkg



P/No: 816634
Agilent P/No: N4300A
Signal Conditioning MUX Card

It includes

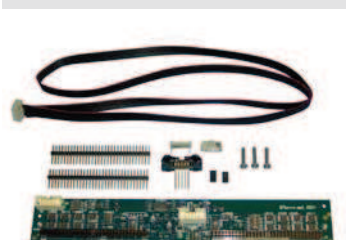
- 1 MUX Card
- connectors
- ribbon cable

VTEP Sensor Plate 2.5" x 2.5"



63,5 x 63,5 mm
P/No: 816773
Agilent P/No: N4303A
packing unit: 1 piece

VTEP MUX + Ref Card pkg



P/No: 816635
Agilent P/No: N4307A
Connect Check MUX card

It includes

- 1 MUX + Ref Card
- connectors
- ribbon cable

VTEP Polarity Check Vertical Amplifier pkg

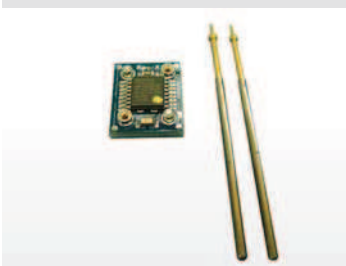


P/No: 816660
Agilent P/No: N4311A /
N4312A

It includes

- 1 amplifier board
- 2 probes 805284
- 2 receptacles 805287

VTEP Horizontal Amplifier pkg

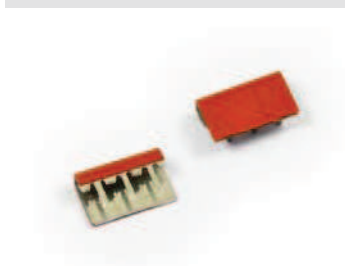


P/No: 816636
Agilent P/No: N4301A /
N4313A

It includes

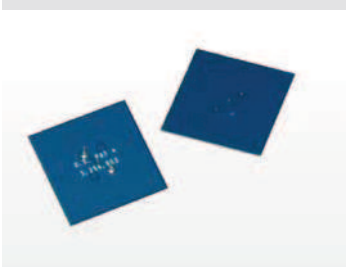
- 1 Amplifier board
- 2 probes LTP-25TJ-4
(Agilent P/No E3963A)

Sensor Plate for VTEP Polarity Check



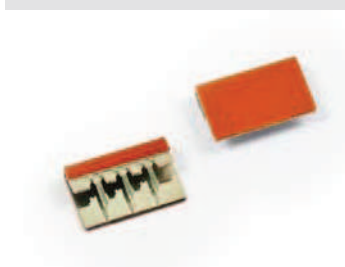
for SMT capacitors size B-C
size .248" x .147" (6,3 mm x
3,7 mm)
P/No: 805285
Agilent P/No: E3891A
packing unit: 10 pieces

VTEP Sensor Plate 1.2" x 1.2"



30,5 x 30,5 mm
P/No: 816772
Agilent P/No: N4302A
packing unit: 1 piece

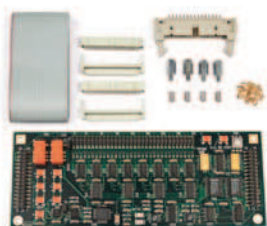
Sensor Plate for VTEP Polarity Check



for SMT capacitors size D
size .298" x .191" (7,6 mm x
4,9 mm)
P/No: 805286
Agilent P/No: E3892A
packing unit: 10 pieces

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OFM Card pkg for up to 32 sensors

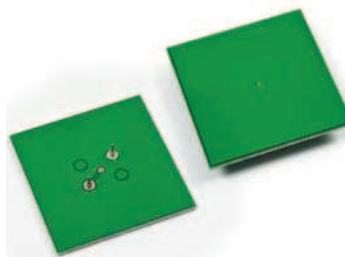


P/No: 833301
GR P/No: 9004-0482-00

It includes

- 1 OFM card
- connectors
- ribbon cable

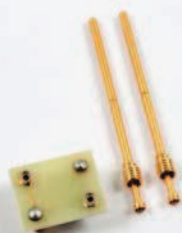
Sensor Plate 1.25" x 1.25" x .050" thick



31,8 x 31,8 x 1,3 mm thick
P/No: 806435

packing unit: 10 pieces

OX Sensor Connection Board pkg



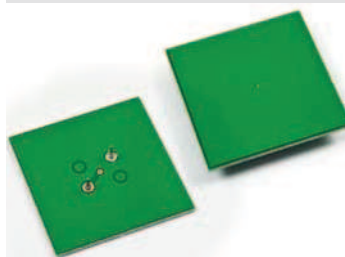
(passive probe plate)

P/No: 806448

It includes

- 1 sensor connection board
- 2 hanger probes HTJ-25A

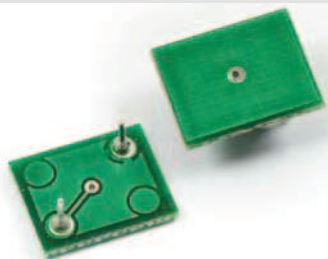
Sensor plate 2.56" x 2.56" x .050" thick



65 x 65 x 1,3 mm thick
P/No: 806436

packing unit: 1 piece

Sensor Plate .475" x .375" x .050" thick



12,0 x 9,5 x 1,3 mm thick

Size SO14, SO16

P/No: 806437

packing unit: 10 pieces

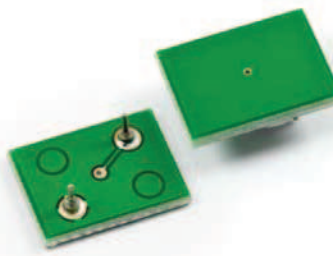
Sensor Plate 6.25" x .500" x .050" thick



159 x 12,7 x 1,3 mm thick
P/No: 806439

packing unit: 1 piece

Sensor plate .575" x .425" x .050" thick



14,6 x 10,8 x 1,3 mm thick

Size SO20

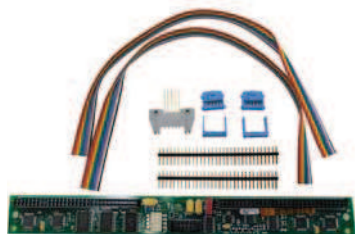
P/No: 806438

packing unit: 10 pieces

Teradyne: FrameScan Plus & FrameScan FX 2.0 Parts

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FrameScan FX 2.0 Fixture Kit pkg



for up to 64 sensors

P/No: 825604

Teradyne P/No: 602-946-00

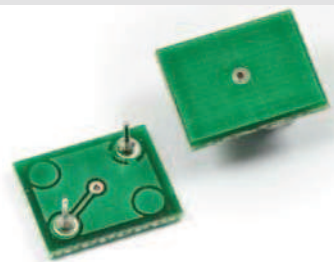
It includes

1 FrameScan FX 2.0 Selector Board (MUX Card)

connectors

ribbon cable

Sensor Plate .475" x .375" x .050" thick



12,0 x 9,5 x 1,3 mm thick

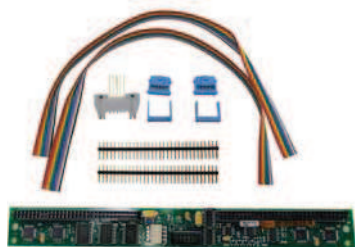
Size S014, S016

P/No: 806437

Teradyne P/No: 090-360-00

packing unit: 10 pieces

FrameScan Plus MUX Card pkg



for up to 64 sensors

P/No: 805960

It includes

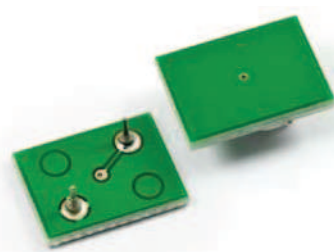
1 FrameScan Plus MUX Card

connectors

ribbon cable

Will not work with Teradyne Test Station Ultra Pin

Sensor plate .575" x .425" x .050" thick



14,6 x 10,8 x 1,3 mm thick

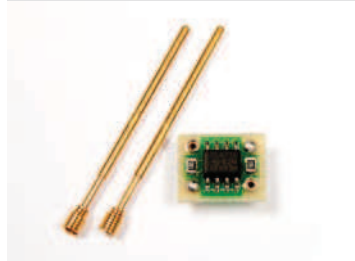
Size S020

P/No: 806438

Teradyne P/No: 090-361-00

packing unit: 10 pieces

ECT Hanger FrameScanPlus Amplifier pkg



P/No: 804855

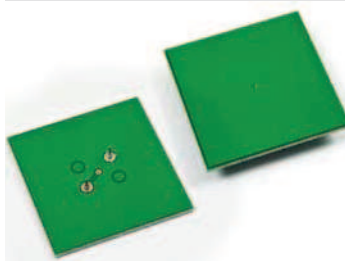
Teradyne P/No: 047-531-00

Signal Conditioner + Reference Board

It includes

- 1 amplifier board with 2 tapped pins SAP-25W-3
- 2 hanger probes with spiral spring head HTJ-25A (Teradyne P/No 047-534-00)

Sensor Plate 1.25" x 1.25" x .050" thick



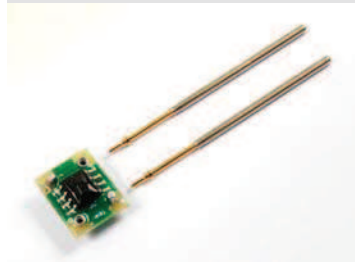
31,8 x 31,8 x 1,3 mm thick

P/No: 806435

Teradyne P/No: 090-363-00

packing unit: 10 pieces

FrameScan FX 2.0 Horizontal Amp pkg



P/No: 825510

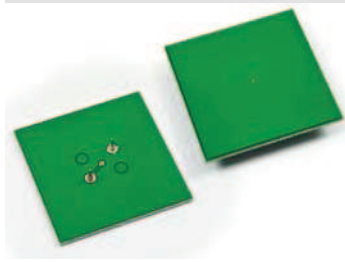
Teradyne P/No: 093-284-00

It includes

1 amplifier board

2 probes like LTP-25TJ-4

Sensor plate 2.56" x 2.56" x .050" thick



65 x 65 x 1,3 mm thick

P/No: 806436

Teradyne P/No: 090-364-00

packing unit: 1 piece

Teradyne: FrameScan Plus & FrameScan FX 2.0 Parts

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Sensor Plate 6.25" x .500" x .050" thick



159 x 12,7 x 1,3 mm thick
P/No: 806439
Teradyne P/No: 090-362-00
packing unit: 1 piece

Assembled Vertical Polarity Check part



P/No of ECT Munich:
SP-0074
P/No of Dover/Hungary:
805283A-BC

It includes

- 2 spring probes 805284
 - 1 sensor plate B-C 805285
 - soldered to amplifier board 805283
- packing unit: 1 piece

CapScan Vertical Amplifier pkg

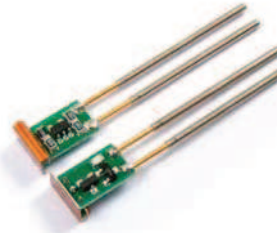


P/No: 805283

It includes

- 1 amplifier board
 - 2 probes 805284
 - 2 receptacles 805287
- packing unit: 1 package

Assembled Vertical Polarity Check part

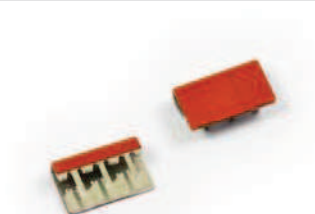


P/No of ECT Munich:
SP-0075
P/No of Dover/Hungary:
805283A-D

It includes

- 2 spring probes 805284
 - 1 sensor plate D 805286
 - soldered to amplifier board 805283
- packing unit: 1 piece

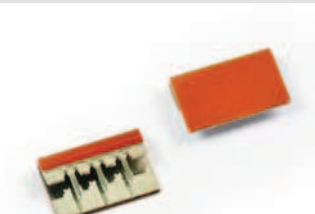
Sensor Plate for Polarity Check



for SMT capacitors size B-C

size .248" x .147" (6,3 x 3,7mm)
P/No: 805285
packing unit: 10 pieces

Sensor Plate for Polarity Check



for SMT capacitors size D

size .298" x .191" (7,6 x 4,9 mm)
P/No: 805286
packing unit: 10 pieces



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