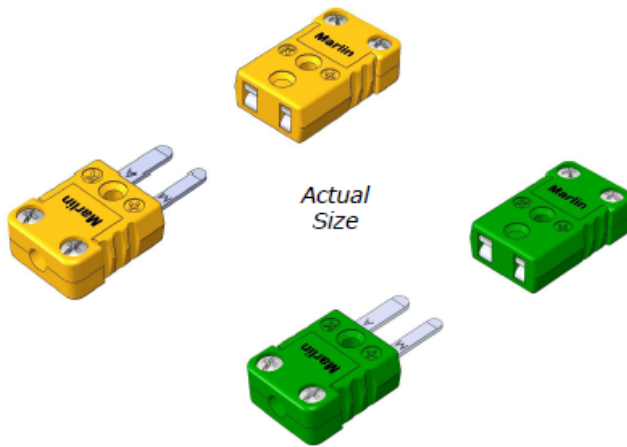


MARLIN MINIATURE 2-POLE THERMOCOUPLE CONNECTOR

- 2-POLE MINIATURE
- PATENTED (US 3855569)
- JAB-IN WIRE CONNECTIONS
- HEX-BODY STRAIN RELIEF
- THERMOSET CONSTRUCTION
- COLOR CODED –ASTM,IEC,JIS

Upper Utilization Temperatures Range:
400°F(205°C)



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Corporation

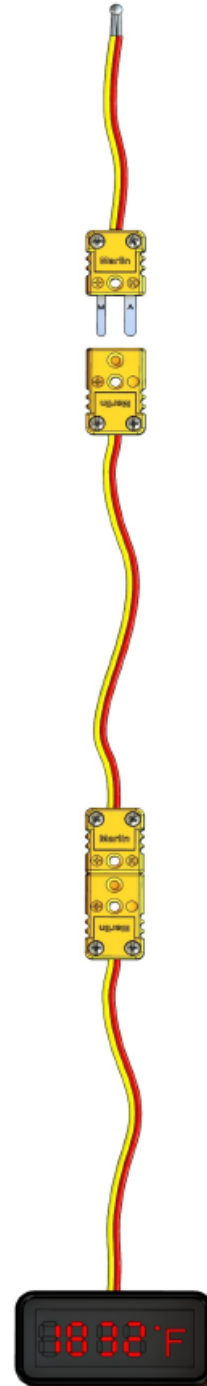
12800 Corporate Drive
Cleveland, OH 44130

216-676-1340 800-321-6648 USA
216-676-1344fax sales@marlinmfq.com

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-2

MINI 2-POLE
THERMOCOUPLE
CONNECTOR
1260/1210



Molded of glass-filled thermoset compound that WILL NOT MELT and produces MINIMAL OUTGASSING in vacuum applications. Polarity and Thermocouple-Type designations on the one-piece body.

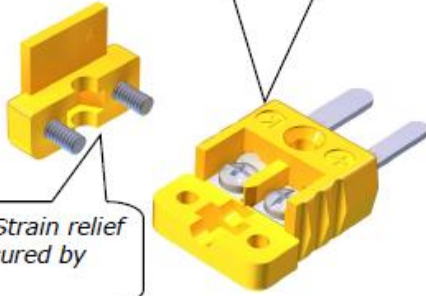
Alloy plates are designed to clamp wire without stress

Actual Size



Pins are alloy throughout thus maintaining thermocouple integrity. No dissimilar metals in the circuit.

HEX Strain relief is secured by cap



Wires Jab-In™ for quick reliable hook-up of wires to 24 gage (0.020"). Strip approximately 1/4". Wire is strain-relieved with adapter or grommet.





Soft insulated thermocouple alloy wire can be strain relieved and held secure via optional adapters.



MIMS (Mineral Insulated Metal Sheathed) thermocouples are strain-relieved and held secure via optional adapters.



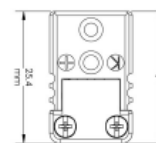
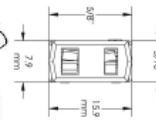
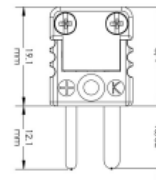
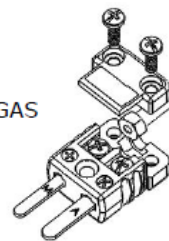
| DESCRIPTION | TYPE/CODE | COLOR |
|---|--|--|
| 1260: MINIATURE PLUG 2-POLE  | 1260-T 1260-J 1260-E 1260-K 1260-K-IEC 1260-K-JIS 1260-N 2160-N-IEC 1260-R 1260-S 1260-C 1260-U | BLUE BLACK PURPLE YELLOW GREEN BLUE ORANGE PINK GREEN GREEN RED WHITE |
| 1210: MINIATURE JACK 2-POLE  | 1210-T 1210-J 1210-E 1210-K 1210-K-IEC 1210-K-JIS 1210-N 1210-N-IEC 1210-R 1210-S 1210-C 1210-U | BLUE BLACK PURPLE YELLOW GREEN BLUE ORANGE PINK GREEN GREEN RED WHITE |

APPLICATION:

Intended for convenient plug-in connections of thermocouples and thermocouple extensions. Ideal for small diameter MIMS (Mineral Insulated Metal Sheath) and fine wire. Use for thermoelectric circuits consistent with millivolt (mV) requirements per ASTM E 1684. NOT FOR USE IN ELECTRICAL APPLICATIONS AC OR DC.
PURPOSE: To maintain the integrity of thermocouple circuits by utilizing proper thermocouple alloys and wiring techniques.

DESCRIPTION

- 2-POLE - Conforms to ASTM E 1684
- MINIATURE SIZE PLUG (POLARIZED, FLAT PINS)
- COMPATIBLE ALLOY CIRCUITRY
- TWO-PIECE: BODY / CAP
- JAB-IN™ WIRE HOOK-UP
- THERMO-SET CONSTRUCTION—WILL NOT MELT/OUTGAS
 Utilization Temperature: Standard Plugs/Jacks
 Continuous Use Temperature to 400°F (205°C)
 Intermittent Temperature Limit 500°F (260°C)
- ASTM/IEC/DIN/JIS/INDUSTRY COLOR CODES
- THERMOCOUPLE TYPE DESIGNATION ON BODY
- POLARITY MOLDED INTO BODY
- SOFT-INSULATED WIRE SIZE TO 24 GAGE (0.020")(0.5mm)
- INTERNAL STRAIN RELIEF (HEX-CRIMP for max 1/8"(3.2mm) sheath)
- EXTERNAL STRAIN RELIEF HARDWARE AVAILABLE



Plug, Mini
1260-X

X = Thermocouple type designation

Jack, Mini
1210-X

X = Thermocouple type designation

Marlin

Manufacturing
Corporation

12800 Corporate Drive
Cleveland, OH 44130

216-676-1340
216-676-1344fax

800-321-6648 USA
sales@marlinmfg.com

| PCS | DISC |
|--------|------|
| >25 | NET |
| 25>100 | 0.90 |
| <100 | 0.80 |

| | | | |
|---|--------------------------------------|--------------------------|------------|
|  | MINI GROMMET WIRE GRIP | HOLE SIZE IN | CODE |
| | GRIPMINI-SMALL | 0.030 | 1279-1-030 |
| | GRIPMINI-MEDIUM | 0.062 | 1279-1-062 |
| | GRIPMINI-LARGE | 0.090 | 1279-1-090 |
|  | MINI FLEXGRIP WIRE GRIP | HOLE SIZE IN | CODE |
| | FLEXGRIPMINI-SMALL | 0.030 | 1278-1-030 |
| | FLEXGRIPMINI-MEDIUM | 0.062 | 1278-1-062 |
| | FLEXGRIPMINI-LARGE | 0.090 | 1278-1-090 |
|  | MINI WIRE CLAMP | | CODE |
| | CLAMPWIREMINI | | 1280 |
|  | MINI BRAZE-ON SHEATH ADAPTER | SHEATH SIZE OD INCHES | CODE |
| | BRAZHEXMINI-BLANK | BLANK | 1277-2-000 |
| | BRAZHEXMINI-1MM | 0.040(1mm) | 1277-2-040 |
| | BRAZHEXMINI-062 | 1/16 | 1277-2-062 |
| | BRAZHEXMINI-125 | 1/8 | 1277-2-125 |
|  | MINI HEX CRIMP SHEATH ADAPTER | SHEATH SIZE OD INCHES | CODE |
| | CRIMPHEXMINI-BLANK | BLANK | 1275-2-000 |
| | CRIMPHEXMINI-1MM | 0.040(1mm) | 1275-2-040 |
| | CRIMPHEXMINI-062 | 1/16 | 1275-2-062 |
| | CRIMPHEXMINI-125 | 1/8 | 1275-2-125 |
|  | MINI CRIMP SHEATH ADAPTER | SHEATH SIZE OD INCHES | CODE |
| | CRIMPMINI-1MM | 0.040(1mm) | 1274-040 |
| | CRIMPMINI-062 | 1/16 | 1274-062 |
| | CRIMPMINI-090 | 0.090 | 1274-090 |
| | CRIMPMINI-125 | 1/8 | 1274-125 |
|  | MINI COMPRESSION SHEATH ADAPTER | SHEATH SIZE OD INCHES | CODE |
| | ADAPTERMINI-1MM | 0.040(1mm) | 1270-040 |
| | ADAPTERMINI-062 | 1/16 | 1270-062 |
| | ADAPTERMINI-125 | 1/8 | 1270-125 |
|  | DUAL MINI COMPRESSION SHEATH ADAPTER | SHEATH SIZE OD INCHES | CODE |
| | ADAPTERMINIDUAL-1MM | 0.040(1mm) | 1271-040 |
| | ADAPTERMINIDUAL-062 | 1/16 | 1271-062 |
| | ADAPTERMINIDUAL-125 | 1/8 | 1271-125 |

CHANGES TO MARLIN'S MINI 1260 PLUG CONNECTOR

| | | |
|------------------|----------------------------------|-----------------|
| SIZE A | DWG. NO. 1260 SERIES-2 | REV - |
|------------------|----------------------------------|-----------------|

BOTH CAP & TERM SCREWS
CHANGED TO #1 PHILLIPS DRIVE
FROM COMBO DRIVE

COINED TIPS TO
IMPROVE INSERTION

HEX SIZE CHANGED
TO 3/16" FROM 1/4"

ENTRANCE CHANGED
TO ϕ .156 FROM ϕ .125

MOLDED IN "MARLIN"
LOGO; OR BLANK


NOTE: OTHER LOGO'S
PRINTED ON
BACK OF CONNECTOR


1279-030
P/N 59230001-1


1279-060
P/N 59230002-1

1279-090
P/N 59230003-1

**MINI RUBBER
GROMMETS
for 3/16" HEX**

 1275-125
P/N 59210700-2

 1275-062
P/N 59210500-2

 1275-040
P/N 59210400-2

**MINI HEX CRIMPS
3/16" HEX, for
 ϕ .156 ENTRANCE**

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES: UNLESS NOTED
FRACTIONAL \pm 1/32
ANGULAR \pm 30 MIN.
ONE PLACE DECIMAL \pm .030
TWO PLACE DECIMAL \pm .015
THREE PLACE DECIMAL \pm .005
DRILL SIZE $+$.004 / $-$.001
BREAK SHARP EDGES &
REMOVE BURRS

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SEARCH:

-

TITLE:

**MINI 1260 PLUG
CHANGES-2**

**MARLIN MFG. CORP.
CLEVELAND, OHIO
44130**

| | | |
|------------------|----------------------------------|-----------------|
| SIZE A | DWG. NO. 1260 SERIES-2 | REV - |
|------------------|----------------------------------|-----------------|

SCALE: 1:1 WEIGHT: SHEET 1 OF 1

| REV. | DESCRIPTION | DATE | BY | MATERIAL | FINISH |
|------|----------------------|------|----|----------|--------|
| | REVISIONS | | | | |
| | DO NOT SCALE DRAWING | | | | |
| | SUPERCEDES | | | | |
| | FOR | | | | |

CHANGES TO MARLIN'S MINI 1210 JACK CONNECTOR

| | | |
|------------------|----------------------------------|----------|
| SIZE A | DWG. NO. 1210 SERIES-2 | REV - |
|------------------|----------------------------------|----------|


BOTH CAP & TERM SCREWS
CHANGED TO #1 PHILLIPS DRIVE
FROM COMBO DRIVE


MOLDED IN "MARLIN"
LOGO; OR BLANK


HEX SIZE CHANGED
TO 3/16" FROM 1/4"

ENTRANCE CHANGED
TO $\phi .156$ FROM $\phi .125$


NOTE: OTHER LOGO'S
PRINTED ON
BACK OF CONNECTOR


 1279-030
P/N 59230001-1


 1279-060
P/N 59230002-1

 1279-090
P/N 59230003-1

**MINI RUBBER
GROMMETS
for 3/16" HEX**

 1275-125
P/N 59210700-2

 1275-062
P/N 59210500-2

 1275-040
P/N 59210400-2

**MINI HEX CRIMPS
3/16" HEX, for
 $\phi .156$ ENTRANCE**

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SEARCH:

TITLE:

**MINI 1210 JACK
CHANGES-2**

| | | |
|---------|------|----------|
| | NAME | DATE |
| DRAWN | RDC | 11/27/18 |
| CHECKED | - | - |

**MARLIN MFG. CORP.
CLEVELAND, OHIO
44130**

| | | |
|------------------|----------------------------------|----------|
| SIZE A | DWG. NO. 1210 SERIES-2 | REV - |
|------------------|----------------------------------|----------|

SCALE: 1:1 WEIGHT: SHEET 1 OF 1

| REV. | DESCRIPTION | DATE | BY | MATERIAL |
|----------------------|-------------|------|----|----------|
| | REVISIONS | | | - |
| DO NOT SCALE DRAWING | SUPERCEDES | FOR | | FINISH - |