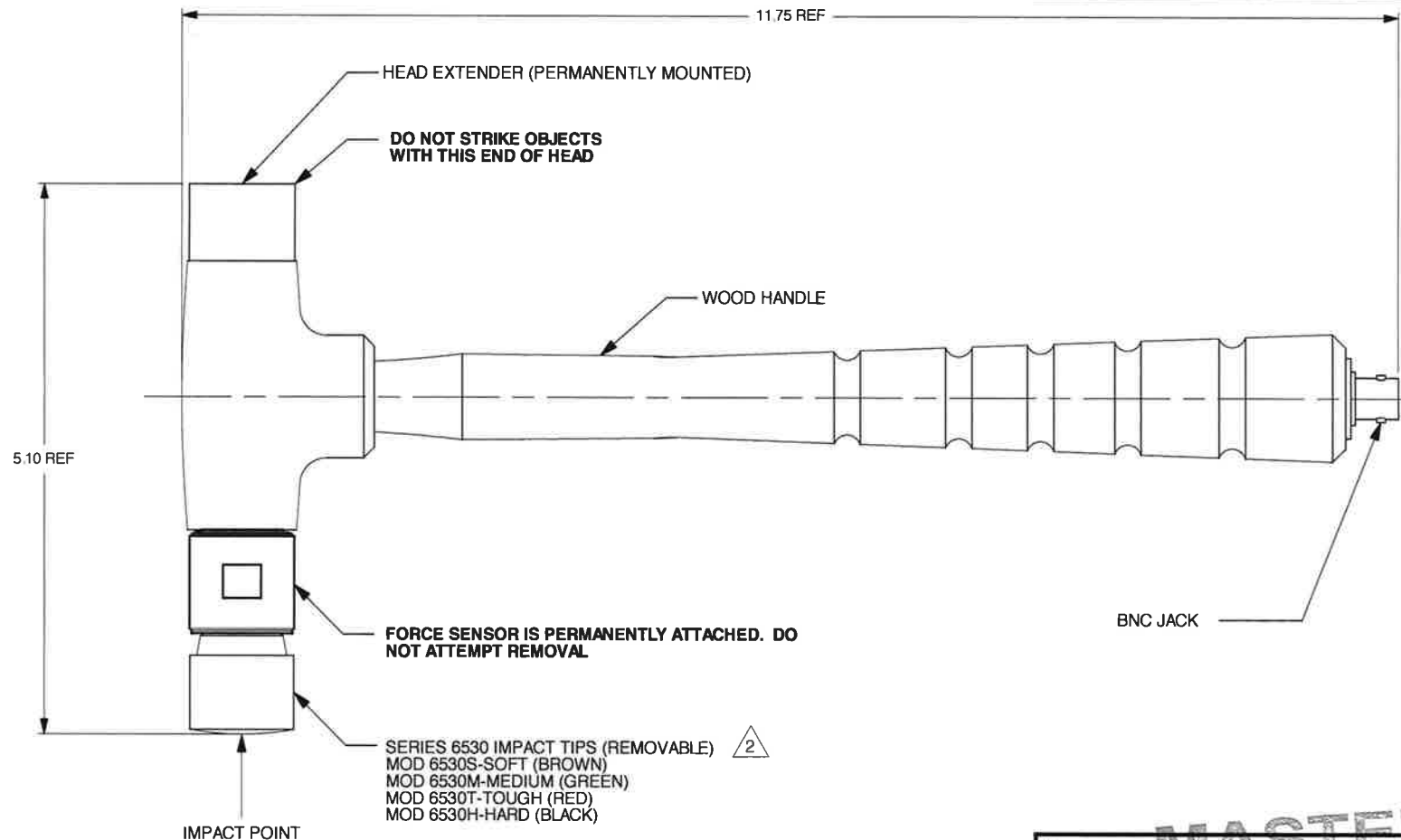


| REV | ECN | DESCRIPTION | BY/DATE | CHK | APPR |
|-----|-------|-----------------------------|--------------|-----|------|
| A | 14056 | ADDED NOTE 3 OPERATING TEMP | RLA 03/07/18 | MSH | LN |



3. OPERATING TEMP: -40°C TO +66°C (-40°F TO +151°F)

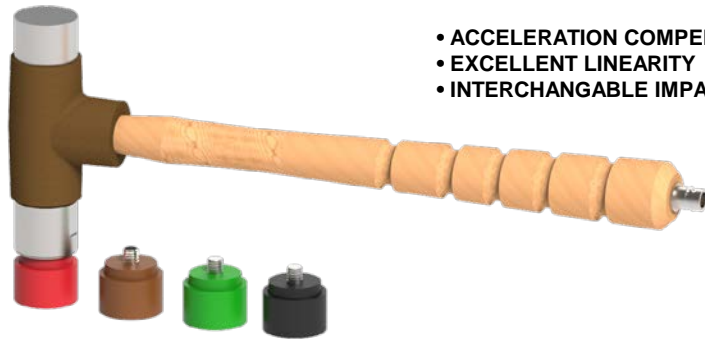
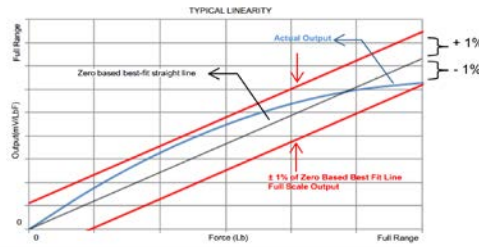
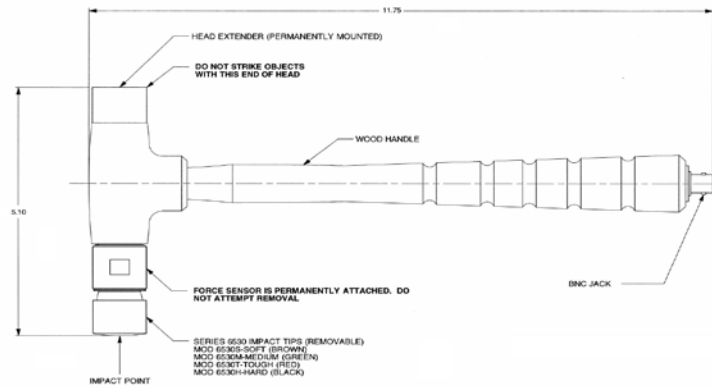

2 NEVER USE HAMMER WITHOUT IMPACT TIP ATTACHED TO THE FRONT SURFACE OF THE SENSOR AS SHOWN. THIS WILL PERMANENTLY DAMAGE THE SENSOR.

1. HEAD WEIGHT-1 LB

REDRAWN ON CAD 1/4/99

EXCEPT AS OTHERWISE NOTED
ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX ± .01
SURFACE FINISH
EXCEPT AS NOTED
BREAK EDGES TO DEBURR
RADIUS OR CHAMFER
THESE DIAS TO T.I.R.
FILLETS - MAX RAD.

| | | | |
|---|----------------|------------------|-------------------|
| DIYTRAN INSTRUMENTS, INC. | | CHATTSWORTH, CA. | |
| SCALE: 1X | REV: 1 | DATE: 3/2/95 | ECN: 14056 |
| DRAWN: N.C. | CHECKED: N.C. | DATE: 3/2/95 | PART NO. |
| APPROVED: | NEXT ASSEMBLY: | USED ON: | 5805A |
| TITLE: OUTLINE INSTALLATION DRAWING, MODEL 5805A IMPULSE HAMMER | | | DWG NO. 127-5805A |
| SHEET 1 OF 1 | | | |

| Model Number 5805A | | PERFORMANCE SPECIFICATION | | | | Doc No PS5805A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|---|---|--------|------------|---|---|-------------|-------|------------|---|------------|------------|--------|------------|--------------|------------|--------------|---------|------|---------|-----|----------|--------|-------|-------|---|------------|------------|------|-------------|------------|------------|------|--------|------------|------------|------------|-------------|--------------|--------------|------------|--------------|---------|--------|---------|------|-------------|-------------|-------|---|---------|--|----|--|------|-----|-----|------|--|-------|-----|-------|------|---------|---------|--|--------|-----|-----|--|----------|-----|-----|--|--------------|------------|------------|--|-------------|------------|------------|--|--------|------|------|--|-------------|--------------|--------------|--|----------|--------|--------|--|------|-------------|-------------|--|
| | | IMPULSE HAMMER | | | | REV B, ECN 14056, 03/06/18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | <ul style="list-style-type: none">• ACCELERATION COMPENSATED• EXCELLENT LINEARITY• INTERCHANGABLE IMPACT TIPS | | | | <p>Supplied Accessories:</p> <p>1) Series 6530 Impact Tips: SEE TABLE →</p> <p>2) Accredited calibration certificate (ISO 17025)</p> <p>Suggested Accessories</p> <p>1) Constant Current Power Source Units:</p> <ul style="list-style-type: none">- 4105C: Battery Powered- 4114B1: Line Operated <p>2) Compatible Cables:</p> <ul style="list-style-type: none">- 6020AXX: BNC to BNC connection- 6011AXX: BNC to 10-32 connection- 6113: 10-32 to BNC adaptor <p>Notes:</p> <p>[1] In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>[2] Supply power from constant current source power sources only. Do not use with power supply without current limiting, 20mA maximum. To do so will destroy built-in amplifier.</p> <p>[3] Percent of full scale or any lesser range, Zero based best-fit straight line method.</p> <p>[4] Do not attempt to measure the resistance at the BNC connector. Many Ohm meters will provide a test voltage with high enough current to destroy the built-in IC.</p> <div><p>Part #: Color: Hardness: Excitation:</p><table><tr><td>6530S</td><td>Brown</td><td>Soft</td><td rowspan="4">↑ Lower Frequency ↓ Higher Frequency</td></tr><tr><td>6530M</td><td>Green</td><td>Medium</td></tr><tr><td>6530T</td><td>Red</td><td>Tough</td></tr><tr><td>6530H</td><td>Black</td><td>Hard</td></tr></table></div> | | 6530S | Brown | Soft | ↑ Lower Frequency ↓ Higher Frequency | 6530M | Green | Medium | 6530T | Red | Tough | 6530H | Black | Hard | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6530S | Brown | Soft | ↑ Lower Frequency ↓ Higher Frequency | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6530M | Green | Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6530T | Red | Tough | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6530H | Black | Hard | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PHYSICAL</p> <p>Weight</p> <p>Length</p> <p>Connector</p> <p>Material</p> <p>Sensing Element</p> | | <table><tr><th>ENGLISH</th><th></th><th>SI</th><th></th></tr><tr><td>Head</td><td>1.0</td><td>lbs</td><td>0.45</td></tr><tr><td></td><td>11.75</td><td>in.</td><td>29.85</td></tr><tr><td>Type</td><td>Coaxial</td><td>Coaxial</td><td></td></tr><tr><td>Thread</td><td>BNC</td><td>BNC</td><td></td></tr><tr><td>Location</td><td>End</td><td>End</td><td></td></tr><tr><td>Force Sensor</td><td>17-4 PH SS</td><td>17-4 PH SS</td><td></td></tr><tr><td>Hammer Head</td><td>Cast Steel</td><td>Cast Steel</td><td></td></tr><tr><td>Handle</td><td>Wood</td><td>Wood</td><td></td></tr><tr><td>Impact Tips</td><td>Polyurethane</td><td>Polyurethane</td><td></td></tr><tr><td>Material</td><td>Quartz</td><td>Quartz</td><td></td></tr><tr><td>Mode</td><td>Compression</td><td>Compression</td><td></td></tr></table> | ENGLISH | | SI | | Head | 1.0 | lbs | 0.45 | | 11.75 | in. | 29.85 | Type | Coaxial | Coaxial | | Thread | BNC | BNC | | Location | End | End | | Force Sensor | 17-4 PH SS | 17-4 PH SS | | Hammer Head | Cast Steel | Cast Steel | | Handle | Wood | Wood | | Impact Tips | Polyurethane | Polyurethane | | Material | Quartz | Quartz | | Mode | Compression | Compression | | <table><tr><th>ENGLISH</th><th></th><th>SI</th><th></th></tr><tr><td>Head</td><td>1.0</td><td>lbs</td><td>0.45</td></tr><tr><td></td><td>11.75</td><td>in.</td><td>29.85</td></tr><tr><td>Type</td><td>Coaxial</td><td>Coaxial</td><td></td></tr><tr><td>Thread</td><td>BNC</td><td>BNC</td><td></td></tr><tr><td>Location</td><td>End</td><td>End</td><td></td></tr><tr><td>Force Sensor</td><td>17-4 PH SS</td><td>17-4 PH SS</td><td></td></tr><tr><td>Hammer Head</td><td>Cast Steel</td><td>Cast Steel</td><td></td></tr><tr><td>Handle</td><td>Wood</td><td>Wood</td><td></td></tr><tr><td>Impact Tips</td><td>Polyurethane</td><td>Polyurethane</td><td></td></tr><tr><td>Material</td><td>Quartz</td><td>Quartz</td><td></td></tr><tr><td>Mode</td><td>Compression</td><td>Compression</td><td></td></tr></table> | ENGLISH | | SI | | Head | 1.0 | lbs | 0.45 | | 11.75 | in. | 29.85 | Type | Coaxial | Coaxial | | Thread | BNC | BNC | | Location | End | End | | Force Sensor | 17-4 PH SS | 17-4 PH SS | | Hammer Head | Cast Steel | Cast Steel | | Handle | Wood | Wood | | Impact Tips | Polyurethane | Polyurethane | | Material | Quartz | Quartz | | Mode | Compression | Compression | |
| ENGLISH | | SI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Head | 1.0 | lbs | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11.75 | in. | 29.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | Coaxial | Coaxial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | BNC | BNC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | End | End | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Force Sensor | 17-4 PH SS | 17-4 PH SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hammer Head | Cast Steel | Cast Steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Handle | Wood | Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impact Tips | Polyurethane | Polyurethane | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material | Quartz | Quartz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mode | Compression | Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGLISH | | SI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Head | 1.0 | lbs | 0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11.75 | in. | 29.85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | Coaxial | Coaxial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | BNC | BNC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | End | End | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Force Sensor | 17-4 PH SS | 17-4 PH SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hammer Head | Cast Steel | Cast Steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Handle | Wood | Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Impact Tips | Polyurethane | Polyurethane | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material | Quartz | Quartz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mode | Compression | Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PERFORMANCE</p> <p>Sensitivity, ± 10 %</p> <p>Range</p> <p>Maximum Force</p> <p>Linearity [3]</p> <p>Resonant Frequency</p> <p>Stiffness, Force Sensor</p> | | <table><tr><td>1</td><td>mV/LbF</td><td>0.25</td><td>mV/N</td></tr><tr><td>5,000</td><td>Lbs. Force</td><td>22.2</td><td>kN</td></tr><tr><td>10,000</td><td>Lbs. Force</td><td>44.5</td><td>kN</td></tr><tr><td>± 1</td><td>% Full Scale</td><td>± 1</td><td>% Full Scale</td></tr><tr><td>>50</td><td>kHz</td><td>>50</td><td>kHz</td></tr><tr><td>8</td><td>Lb/μin</td><td>1.39</td><td>kN/μm</td></tr></table> | 1 | mV/LbF | 0.25 | mV/N | 5,000 | Lbs. Force | 22.2 | kN | 10,000 | Lbs. Force | 44.5 | kN | ± 1 | % Full Scale | ± 1 | % Full Scale | >50 | kHz | >50 | kHz | 8 | Lb/μin | 1.39 | kN/μm | <table><tr><td>1</td><td>mV/LbF</td><td>0.25</td><td>mV/N</td></tr><tr><td>5,000</td><td>Lbs. Force</td><td>22.2</td><td>kN</td></tr><tr><td>10,000</td><td>Lbs. Force</td><td>44.5</td><td>kN</td></tr><tr><td>± 1</td><td>% Full Scale</td><td>± 1</td><td>% Full Scale</td></tr><tr><td>>50</td><td>kHz</td><td>>50</td><td>kHz</td></tr><tr><td>8</td><td>Lb/μin</td><td>1.39</td><td>kN/μm</td></tr></table> | 1 | mV/LbF | 0.25 | mV/N | 5,000 | Lbs. Force | 22.2 | kN | 10,000 | Lbs. Force | 44.5 | kN | ± 1 | % Full Scale | ± 1 | % Full Scale | >50 | kHz | >50 | kHz | 8 | Lb/μin | 1.39 | kN/μm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | mV/LbF | 0.25 | mV/N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5,000 | Lbs. Force | 22.2 | kN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10,000 | Lbs. Force | 44.5 | kN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ± 1 | % Full Scale | ± 1 | % Full Scale | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| >50 | kHz | >50 | kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Lb/μin | 1.39 | kN/μm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | mV/LbF | 0.25 | mV/N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5,000 | Lbs. Force | 22.2 | kN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10,000 | Lbs. Force | 44.5 | kN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ± 1 | % Full Scale | ± 1 | % Full Scale | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| >50 | kHz | >50 | kHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Lb/μin | 1.39 | kN/μm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ELECTRICAL</p> <p>Output Voltage F.S</p> <p>Output Impedance, Max [4]</p> <p>Bias Voltage</p> <p>Compliance Voltage Range [2]</p> <p>Supply Current Range [2]</p> <p>Discharge Time Constant, Nom</p> | | <table><tr><td>±5</td><td>V</td><td>±5</td><td>V</td></tr><tr><td>100</td><td>Ω</td><td>100</td><td>Ω</td></tr><tr><td>7.5 to 9.5</td><td>VDC</td><td>7.5 to 9.5</td><td>VDC</td></tr><tr><td>+18 to +30</td><td>VDC</td><td>+18 to +30</td><td>VDC</td></tr><tr><td>2 to 20</td><td>mA</td><td>2 to 20</td><td>mA</td></tr><tr><td>>1500</td><td>Sec</td><td>>1500</td><td>Sec</td></tr></table> | ±5 | V | ±5 | V | 100 | Ω | 100 | Ω | 7.5 to 9.5 | VDC | 7.5 to 9.5 | VDC | +18 to +30 | VDC | +18 to +30 | VDC | 2 to 20 | mA | 2 to 20 | mA | >1500 | Sec | >1500 | Sec | <table><tr><td>±5</td><td>V</td><td>±5</td><td>V</td></tr><tr><td>100</td><td>Ω</td><td>100</td><td>Ω</td></tr><tr><td>7.5 to 9.5</td><td>VDC</td><td>7.5 to 9.5</td><td>VDC</td></tr><tr><td>+18 to +30</td><td>VDC</td><td>+18 to +30</td><td>VDC</td></tr><tr><td>2 to 20</td><td>mA</td><td>2 to 20</td><td>mA</td></tr><tr><td>>1500</td><td>Sec</td><td>>1500</td><td>Sec</td></tr></table> | ±5 | V | ±5 | V | 100 | Ω | 100 | Ω | 7.5 to 9.5 | VDC | 7.5 to 9.5 | VDC | +18 to +30 | VDC | +18 to +30 | VDC | 2 to 20 | mA | 2 to 20 | mA | >1500 | Sec | >1500 | Sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ±5 | V | ±5 | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | Ω | 100 | Ω | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.5 to 9.5 | VDC | 7.5 to 9.5 | VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| +18 to +30 | VDC | +18 to +30 | VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 to 20 | mA | 2 to 20 | mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| >1500 | Sec | >1500 | Sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ±5 | V | ±5 | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | Ω | 100 | Ω | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.5 to 9.5 | VDC | 7.5 to 9.5 | VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| +18 to +30 | VDC | +18 to +30 | VDC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| >1500 | Sec | >1500 | Sec | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ENVIRONMENTAL</p> <p>Operating Temperature</p> | | <table><tr><td>-40 to +151</td><td>°F</td><td>-40 to +66</td><td>°C</td></tr></table> | -40 to +151 | °F | -40 to +66 | °C | <table><tr><td>-40 to +151</td><td>°F</td><td>-40 to +66</td><td>°C</td></tr></table> | -40 to +151 | °F | -40 to +66 | °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-5805A for more information. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <div>21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.700.7880 www.dytran.com For permission to reprint this content, please contact info@dytran.com</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |