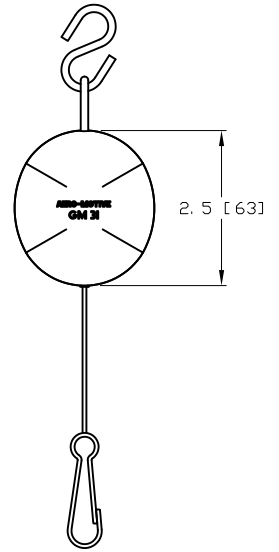
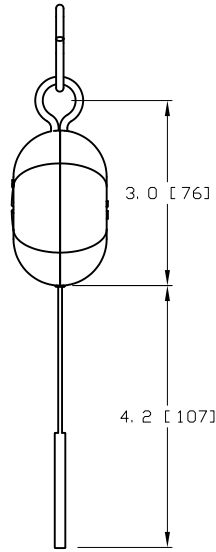
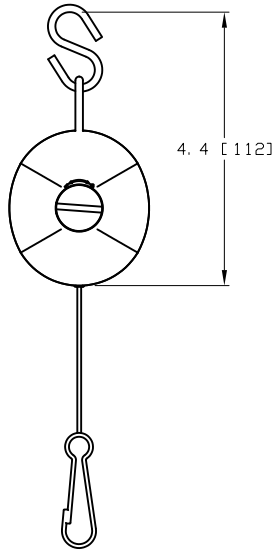
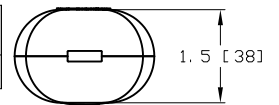


10 9 8 7 6 5 4 3 2 1

F
E
D
C
B
A



| Material Number: | Engineering Number: | Description: | Weight Range in (KG): | Cable Travel in (M): | Weight Range in (LB): | Cable Travel in (FT): | Color: |
|------------------|---------------------|---|-----------------------|----------------------|-----------------------|-----------------------|--------|
| 1301690002 | GM31 | TOOL POSITIONER [1-10LB/0.5-4.5KG], 4.7FT | 0.5 - 4.5 | 1.4 | 1.0 - 10.0 | 4.7 | BLACK |



NOTES:

1. ALWAYS READ INSTRUCTIONS MANUAL BEFORE USING RETRACTORS.
2. HOUSINGS ARE MADE OF GENERAL PURPOSE ABS TO MEET HARSH INDUSTRIAL ENVIRONMENTS.
3. GM31 WILL HOLD A LOAD TO A DESIRED POSITION WITHIN THE TRAVEL RANGE WITHOUT USING A RATCHET LOCK OR A LOCKING DEVICE.
4. TENSION CAN BE EASILY ADJUSTED BY USING A SCREW DRIVER ON TO THE ALLOCATED SHAFT SLOT AND TURNING TOWARDS THE '+' OR '-' DIRECTION. '+' = INCREASE TENSION.
5. TO REPOSITION LOAD TO TOP POSITION SIMPLY PULL ON CABLE AND WHILE HOLDING THE LOAD THE CABLE WILL RETRACT INTO HOUSING.
6. OVERALL DIMENSIONS ARE FOR REFERENCE ONLY.

| | | | | | | | | | |
|--|---|---|---------|--------------------------|--------------------|--------------------------------------|-------------------------------|---------------------|--|
| RELEASE TO GSM EC NO: WMA2010-0605 DRAWN: RHOTCA 2010/03/31 CHK'D: DT APPR: DTTUS 2010/03/31 REV: A | QUALITY SYMBOLS $\nabla=0$ $\nabla Z=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | SCALE NTS | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES \pm - \pm - 3 PLACES \pm - \pm - 2 PLACES \pm - \pm - 1 PLACE \pm - \pm - | mm INCH | DRAWN BY RHOTCA | DATE 2010/03/31 | TITLE GM31 SERIES TOOL POSITIONER | | | |
| | | ANGULAR $\pm 1^\circ$ | | CHECKED BY DT | DATE 2010/03/31 | MOLEX INCORPORATED | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY DTTUS | DATE 2010/03/31 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-130169-001 | SHEET NO. 1 OF 1 | |

10 9 8 7 6 5 4 3 2 1

A