Jay-El Mark 10 P/N 10706

JAY-EL MARK 10 P/N 10706
ILLUMINATED PUSHBUTTON SWITCH
MEETS REQUIREMENTS OF
MIL-S-22885

Catalog No. 7010-5 11-03

For more information, contact our sales team at 310.513.7200 or hmisales@ducommun.com
MARK 10
P/N 10706
Designed to Mil-S-22885
No soldering
May be provided with a removable mounting sleeve installed from the rear of the panel (mounting type I).
Light weight
Many different lightning displays featuring 2 T-1 3/4 lamps
Readable in direct sunlight
Terminal junction system utilizing the military approved wire termination method to accept a Mil-C-39029/1-101pin
Resilient rubber grommet seal at rear-2 pole, double make, double break switching
Individual input to each lamp
Retained pushbutton
Positive cam and sleeve mounting system
Switching loads to 7.5 amps resistive, 5.0 amps inductive, lamps 1.0 amps
Life ratings 50,000 cycles electrical, 100,000 mechanical.
Switching actions: momentary-maintained depressed alternate.

LIGHTNING: to Mil-S-22885. Different display types featuring visible before lighted and visible in direct sunlight.
Terminations: Electrical connections can be made by crimp, insertable-removable contacts through a resilient grommet. The contact conforming to Mil-C-39029/1-101. Contact insertion and removal forces are in accordance with Mil-T-81714.
Contact Ratings @ 115 VAC or 28 VDC:
Resistive 7.5 amps
Inductive 5.0 amps
Lamp 1.0 amps
50,000 cycles electrical life at full load.
Contact configuration:
Up to 2 double make, double break switching.
Lamps: 2 each T-1 3/4 midget flange base individual input to each lamp - relampable from front.

ELECTRICAL

ENVIRONMENTAL

Mark Ten is designed to qualify to Mil-S-22885, Mil-T-81714
The following Qualifications Tests apply:
1. Operation Force
2. Pushout Force
3. Dielectric
4. Insulation Resistance
5. Contact Resistance
6. Mechanical Endurance
7. Electrical Endurance
8. Lamp Retention
9. Shock, Vibration
10. Explosion
11. Humidity
12. Color

MECHANICAL

Switch actions:
Maintained depresed, alternate action
Momentary
Actuation Force: 3.5 lbs + 1 lb
Weight: 1.31 oz. for complete switch assy.
Mounting: Standard front panel mounting.
The entire switch and mounting sleeve may be removed from the front of the mounting panel, without access to the rear.
Mounting Type 1 - Removable mounting sleeve installed from the rear of the panel.
Pushbutton: Retained to switch housing.

ALL INFORMATION PUBLISHED IN THIS CATALOGUE IS EFFECTIVE AT TIME OF PUBLICATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
Type 1 mounting- The switch is installed from the front of the mounting panel and a removable mounting sleeve is installed from the rear.

Tolerances: Unless otherwise specified - Fraction ± 1/32", .XX ± .01, XXX ± .005
RUBBER BOOT KIT P/N 50645

GASKET, P/N 50611
RETAINER, P/N 50610
BOOT P/N 50614
BOOT RETAINING LEGEND PLATE P/N 50630

SCALE NONE

.95 MAX
.29
1.20 MAX

.110 MAX PANEL THKNS
.38 MAX

LEgend viewing area.

1. BOOT RETAINING LEGEND PLATE REPLACES STANDARD LEGEND PLATE ORDER PER SHEET 8.

SWITCH GUARD P/N 50512

3.50 ± .015

.97 ± .02

1.00 ± .01

FRAME

COVER

3. OPEN ENDED FRAME ALLOWS FRONT PANEL ASSEMBLY WITHOUT REMOVING HOUSING FROM PANEL.
2. COVER HINGES 180° WITH 0.8 OZ MIN LIFTING FORCE.
1. MATL:
   FRAME: #301-304 CRES. COLOR: BLACK, PER MIL-C-13924.
   COVER: TRANSPARENT POLYCARBONATE.

<table>
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<tr>
<th>TABLE 1 BASIC PIN</th>
<th>TABLE 2 MOUNTING TYPE</th>
<th>TABLE 3 BEZEL COLOR</th>
<th>TABLE 4 SPILT GROUND</th>
<th>TABLE 5 EMI</th>
<th>TABLE 6 INTEGRAL SEAL</th>
<th>TABLE 7 RETAINED PUSHBUTTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>10620</td>
<td>I</td>
<td>BLACK</td>
<td>NO</td>
<td>YES</td>
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<table>
<thead>
<tr>
<th>TABLE 8 PUSH BUTTON STYLE</th>
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<th>TABLE 13 DISPLAY DATA</th>
</tr>
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<tbody>
<tr>
<td>STANDARD</td>
<td>0 INDICATOR</td>
<td>(ABOVE 1 AMP)</td>
<td>O INDICATOR</td>
<td>BLK DW</td>
<td>TO BE SPECIFIED ON PRELIMINARY FORM</td>
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<td>1 1 SPDT</td>
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<td>2 2 SPDT</td>
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**ACCESSORIES** May be ordered by the P/N's below:
- Rubber Boot Kit - P/N 50645
- Switch Guard - P/N 50512

**NOTES:**
- Ag or Ay should be specified when Green or Yellow is to meet MIL-C-25050.
- Ay appears amber when illuminated.
- B1 & Ag1 special high bright Blue & green recommended for Display Type 8.
- ** Display Type 8 available with .012 Stroke Width Only
- A1h neon lamps are available with only red or amber illumination.
- Neon lamps require ballast resistor (not supplied)

**CHARACTER INFORMATION**
(HORIZONTAL DIRECTION ONLY)

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<th>CONDENSED BLOCK</th>
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