**Customer Information Sheet**

**RECOMMENDED PCB PAD LAYOUT**
- Ø1.50 ± 0.03
- Ø0.90
- Ø0.35

**TOP VIEW**
- ø1.00 THROUGH HOLE
- ø2.00 SOLDER PAD

**SECTION 1-Y**
- ø1.50 ± 0.10 TYP

**SECTION X-X**
- ø3.50

**REEL DETAILS**
- ø3.30

**FINISHED REELING DIRECTION**

**COMPONENT DETAILS**
- Ø1.60 ± 0.02
- 5.50 ± 0.15
- 4.00
- 2.00
- 0.50
- Ø2.00
- Ø0.80
- Ø13.0

**MAXIMUM WORKING HEIGHT**
- 4.70

**NORMAL WORKING HEIGHT**
- 4.50

**MINIMUM WORKING HEIGHT/MAX ALLOWED TRAVEL**
- 4.20

**NOTES:**
1. IF ASSEMBLING PIN INTO MOLDING:
   - RECOMMENDED HOLE SIZE ø1.15 ±.065 IN.
   - RECOMMENDED MATERIAL: GLASS FILLED PA66.
2. ALL PRODUCTS ARE RoHS COMPLIANT.
3. PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).

**SPECIFICATION:**
- MATERIAL: BODY & PLUNGER: BRASS
  - SPRING: STAINLESS STEEL WIRE
  - PLATING: BODY = 0.1µ GOLD OVER 1.4µ NICKEL
  - PLUNGER = 0.4µ GOLD OVER 1.4µ NICKEL
- ELECTRICAL:
  - CONTACT RESISTANCE = 30mΩ MAX
  - CURRENT RATING = 2.0A
- MECHANICAL:
  - FORCE AT NORMAL HEIGHT: 0.68N ± 0.24N
  - DURABILITY: 10,000 CYCLES
- ENVIRONMENTAL:
  - OPERATING TEMPERATURE = -40°C TO 85°C
  - PACKAGING:
    - QUANTITY: 600 COMPONENTS PER REEL

**TITLE:** SMT SPRING LOADED POGO PIN WITH PEG IN TAPE AND REEL

**DRAWING NUMBER:** P70-2100045R

**DATE:** 19.08.16

**DRAWN BY:**
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