

0900-0
0900-0-15-20-76-14-11-0
 "Legacy P/N 0900-0-00-00-00-00-11-0"
 Short stroke, Surface mount. Also available on 16mm wide carrier tape: 2,000 parts per 330mm reel. See pg. 28.2 for Tape & Reel details

0900-1 → **4,8** **72 or 75**
0900-X-15-20-7X-14-11-0
 Standard stroke, Surface mount. Also available on 16mm wide carrier tape: 1,700 parts per 330mm reel (0900-1) or 24mm wide carrier tape: 1,100 parts per 330mm reel (0900-2) and (0900-3). See page 28.2 for Tape & Reel details

Basic Part Number	Length A
0900-1	4,5
0900-2	5,0
0900-3	5,51
0900-4	5,99
*0900-8	3,94

*0900-8 has a 0,5 Mid Stroke & 0,99 Max. Stroke
 Order as:
 0900-8-15-20-76-14-11-0
 "Legacy Part Number"
 0900-X-00-00-00-00-11-0

0934
0934-0-15-20-74-14-26-0
 Standard stroke, Surface mount

0936 **72 or 75**
0936-0-15-20-7X-14-11-0
 Standard stroke, Surface mount

0907-0 → **9**
0907-X-15-20-75-14-11-0
 Standard stroke, Surface mount, Mid profile
 Also available with insulated sleeve, see page 19.4

Basic Part Number	Length A
0907-0	6,48
0907-1	6,99
0907-2	7,49
0907-3	8,0
0907-4	8,51
0907-5	8,89
0907-6	9,4
0907-7	9,91
0907-8	10,41
0907-9	10,92

0928
0928-0-15-20-77-14-11-0
 Long stroke, Surface mount

0913
0913-0-15-20-77-14-11-0
 Long stroke, Surface mount, Mid profile

0925 **72 or 75**
0925-0-15-20-7X-14-11-0
 Standard stroke, Surface mount
 Reduced plunger

0927 **72 or 75**
0927-0-15-20-7X-14-11-0
 Standard stroke, Surface mount, Mid profile

0905 **72 or 75**
0905-0-15-20-7X-14-11-0
 "Legacy P/N 0905-0-00-00-00-00-11-0"
 Standard stroke, Surface mount, High profile

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: Beryllium Copper
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ±0,15
 Diameters: ±0,051
 Angles: ±2°

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
74, 75, 76, 77 Springs are not interchangeable

Order Code: 09XX - X - 15 - 20 - **7X** - 14 - XX - 0

Spring Number →

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
74	0,7	1,4	50 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	1,0	60 g	25 g
77	1,14	2,29	60 g	25 g

0967 72 or 75
0967-0-15-20-7X-14-11-0
 Standard stroke, Horizontal surface mount
 Also available on 16mm wide carrier tape: 2,800 parts per 330mm reel
 See page 28.2 for Tape & Reel details

P.C.B. Layout

0987
0987-0-15-20-89-14-11-0
 Long stroke, Horizontal surface mount
 Also available on 24mm wide carrier tape: 2,800 parts per 330mm reel
 See page 28.6 for Tape & Reel details

P.C.B. Layout

0964
0964-0-15-20-85-14-11-0
 Long stroke, Surface mount, Mid profile
 * Stainless steel spring

7966-0
7966-0-15-20-77-14-11-0
 Long stroke, Surface mount. Also available in HSMT connector series: 1,450 parts per 330mm reel. Order as: 810-22-0XX-40-005191

0919-X
0919-X-15-20-89-14-11-0
 3mm Long stroke, Surface mount
 * Stainless steel spring

Basic Part Number	Length A
0919-0	9,63
0919-2	10,64

0937
0937-0-15-20-77-14-11-0
 Long stroke, Surface mount

7913
7913-0-15-20-77-14-11-0
 Long stroke
 Solder mount in 0,61 min. mounting hole

0959 72 or 75
0959-0-54-20-7X-14-11-0
 Receptacle spring pin, Standard stroke
 Accepts 0,51 - 0,81 Dia. pins

7928
7928-0-54-20-77-14-11-0
 Receptacle spring pin, Long stroke
 Accepts 0,94 - 1,09 Dia. pins

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: BeCu or Stainless Steel 302 *
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ±0,15
 Diameters: ±0,051
 Angles: ±2°

Mechanical & Electrical Specifications:
 Durability: 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range: -55/+125°C
75, 77, 85, 89 Springs are not interchangeable

Order Code: X9XX - X - 15 - 20 - XX - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
77	1,14	2,29	60 g	25 g
* 85	1,02	2,03	60 g	25 g
* 89	1,5	3,0	100 g	25 g

0921-0
0921-0-15-20-76-14-11-0
 Ultra low profile, Short stroke. Solder mount in 1,78 min. mounting hole
 Also available on 24mm wide carrier tape: 1,700 parts per 330mm reel
 See page 28.3 for Tape & Reel details

0921-1 72 or 75
0921-1-15-20-7X-14-11-0
 Low profile, Standard stroke. Solder mount in 1,78 min. mounting hole
 Also available on 24mm wide carrier tape: 1,500 parts per 330mm reel
 See page 28.3 for Tape & Reel details

0911
0911-0-15-20-86-14-11-0
 Standard stroke, Surface mount
 * Stainless steel spring

0926-0
0926-0-15-20-76-14-11-0
 Low profile, Short stroke. Solder mount in 1,88 min. mounting hole
 Also available on 16mm wide carrier tape: 1,700 parts per 330mm reel
 See page 28.4 for Tape & Reel details

0926-1 72 or 75
0926-1-15-20-7X-14-11-0
 Low profile, Standard stroke. Solder mount in 1,88 min. mounting hole
 Also available on 24mm wide carrier tape: 1,450 parts per 330mm reel
 See page 28.4 for Tape & Reel details

0980 72 or 75
0980-0-15-20-7X-14-11-0
 Double action, 1,4 Combined stroke
 Mount between parallel circuit boards

0977 72 or 75
0977-0-15-20-7X-14-11-0
 Standard stroke, Surface mount
 Also available on 24mm wide carrier tape: 1,100 parts per 330mm reel
 See page 28.4 for Tape & Reel details

0965
0965-0-15-20-80-14-11-0
 Ultra low profile, Surface mount, * Stainless steel spring
 Also available on 16mm wide carrier tape: 3,000 parts per 330mm reel
 See page 28.4 for Tape & Reel details

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: BeCu or Stainless Steel 302 *
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
75, 76, 80, 86 Springs are not interchangeable

Order Code: 09XX - X - 15 - 20 - **XX** - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g
* 80	0,3	0,61	115 g	25 g
* 86	0,7	1,4	100 g	25 g

0906-0
0906-0-15-20-76-14-11-0
 Short stroke, Solder mount in 0,51 min. mounting hole. Also available with insulated sleeve, see page 19.5

0906-1→4,8
0906-X-15-20-7X-14-11-0
 Standard stroke, Solder mount in 0,51 min. mounting hole. Also available on 24mm wide carrier tape: **0906-1 & 0906-2** 1,200 parts per reel. **0906-3 & 0906-4** 600 parts per reel. See page 28.3 for Tape & Reel details

Basic Part Number	Length A
0906-1	4,5
0906-2	5,0
0906-3	5,51
0906-4	5,99
*0906-8	3,94

*0906-8 has a 0,5 Mid. Stroke & 0,99 Max. Stroke
 Also available with insulated sleeve, See page 19.5

0930 72 or 75
0930-0-15-20-7X-14-11-0
 Solder mount in 0,51 min. mounting hole. Also available on carrier tape: 1,500 parts per 330mm reel. See pg. 28.5 for Tape & Reel details

0914
0914-0-15-20-77-14-11-0
 Long stroke
 Solder mount in 0,74 min. mounting hole

Basic Part Number	Length A	Length B
0914-0	6,96	4,7
0914-1	7,72	6,15
0914-2	8,48	6,91
0914-3	9,25	7,67

0908-0→9 72 or 75
0908-X-15-20-7X-14-11-0
 Standard stroke
 Solder mount in 0,51 min. mounting hole

Basic Part Number	Length A
0908-0	6,48
0908-1	6,99
0908-2	7,49
0908-3	8,0
0908-4	8,51
0908-5	8,89
0908-6	9,4
0908-7	9,91
0908-8	10,41
0908-9	10,92

0932
0932-0-15-20-77-14-11-0
 Long stroke
 Solder mount in 0,74 min. mounting hole

0901 72 or 75
0901-0-15-20-7X-14-11-0
 "Legacy P/N 0901-0-00-00-00-00-11-0"
 Solder mount in 0,74 min. mounting hole

0929 72 or 75
0929-X-15-20-7X-14-11-0
 Standard stroke
 Solder mount in 0,74 min. mounting hole

Basic Part Number	Length A
0929-0	8,64
0929-7	12,2

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: Beryllium Copper
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ±0,15
 Diameters: ±0,051
 Angles: ±2°

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
75, 76, 77 Springs are not interchangeable

Order Code: 09XX - X - 15 - 20 - 7X - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g
77	1,14	2,29	60 g	25 g

0910-0
0910-0-57-20-76-14-11-0
Short stroke, Surface mount
Packaged on 16mm wide carrier tape: 2,000 parts per 330mm reel
See page 28.5 for Tape & Reel details

0910-1⇨4 72 or 75
0910-X-57-20-7X-14-11-0
Standard stroke, Surface mount
Packaged on carrier tape. See chart for tape width & qty. per reel
See page 28.5 for Tape & Reel details

Basic Part Number	Length A
0910-1	4,5
0910-2	5,0
0910-3	5,51
0910-4	5,99

Basic Part Number	Tape Width	Quantity per Reel
0910-1	16mm	1,500
0910-2	24mm	1,100
0910-3	24mm	1,100
0910-4	24mm	1,100

0910-8
0910-8-57-20-76-14-11-0
Short stroke, Surface mount
Packaged on 16mm wide carrier tape: 1,800 parts per 330mm reel
See page 28.5 for Tape & Reel details

0990-0
0990-0-50-20-76-14-11-0
Short stroke, Surface mount, Large base
Also available on 16mm wide carrier tape: 2,150 parts per 330mm reel
See page 28.4 for Tape & Reel details

0990-1⇨4 72 or 75
0990-X-50-20-7X-14-11-0
Standard stroke, Surface mount, Large base
Also available on 16mm wide carrier tape: 850 parts per 330mm reel
ONLY 0990-4 currently available. See page 28.4 for Tape & Reel details

Basic Part Number	Length A
0990-1	4,5
0990-2	5,0
0990-3	5,51
0990-4	5,99

0997-0⇨9 72 or 75
0997-X-50-20-7X-14-11-0
Standard stroke, Surface mount, Large base, Mid profile

Basic Part Number	Length A
0997-0	6,48
0997-1	6,99
0997-2	7,49
0997-3	8,0
0997-4	8,51
0997-5	8,89
0997-6	9,4
0997-7	9,91
0997-8	10,41
0997-9	10,92

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: Beryllium Copper
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ±0,15
 Diameters: ±0,051
 Angles: ±2°

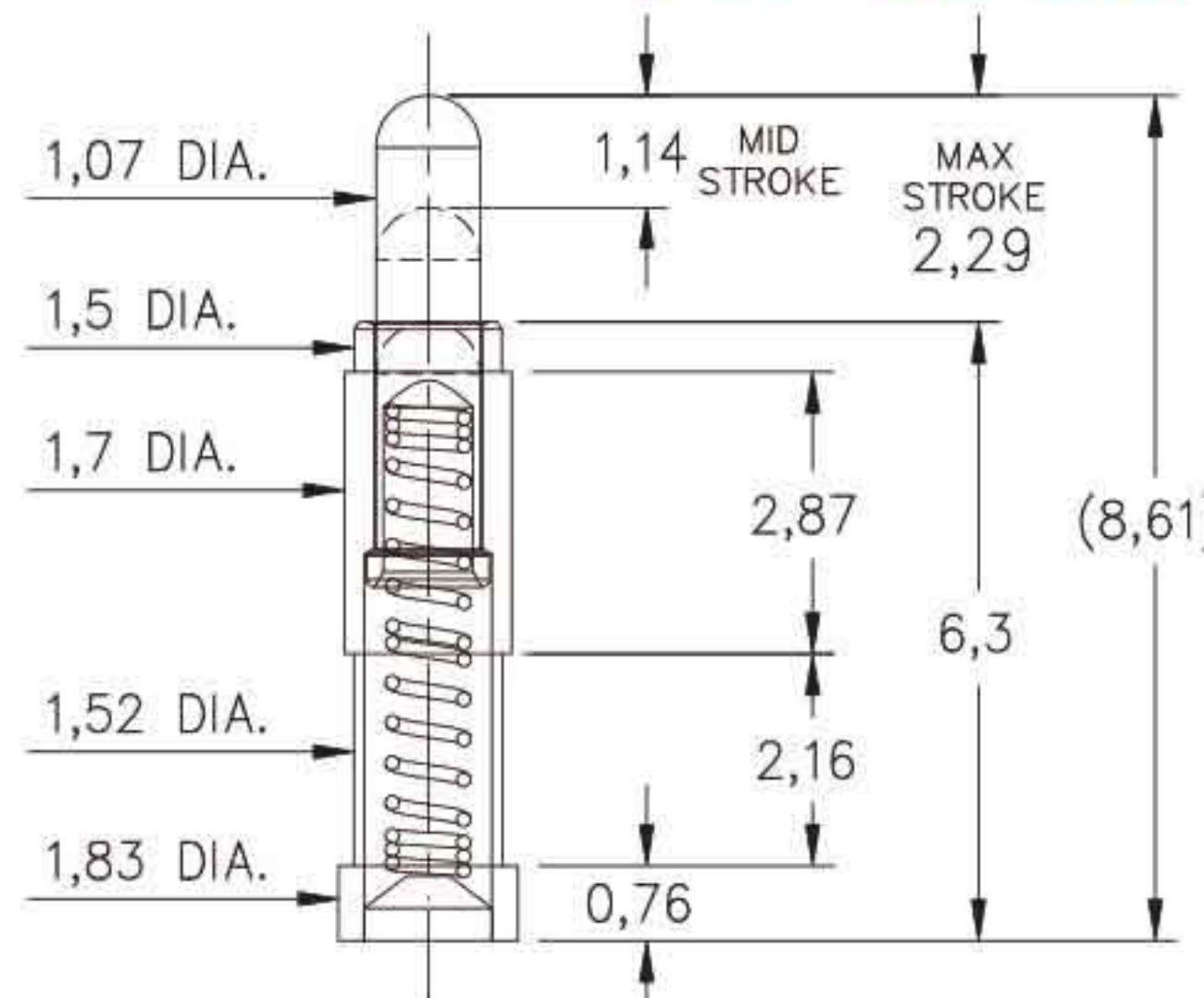
Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
75, 76 Springs are not interchangeable

Order Code: 09XX - X - XX - 20 - XX - 14 - 11 - 0

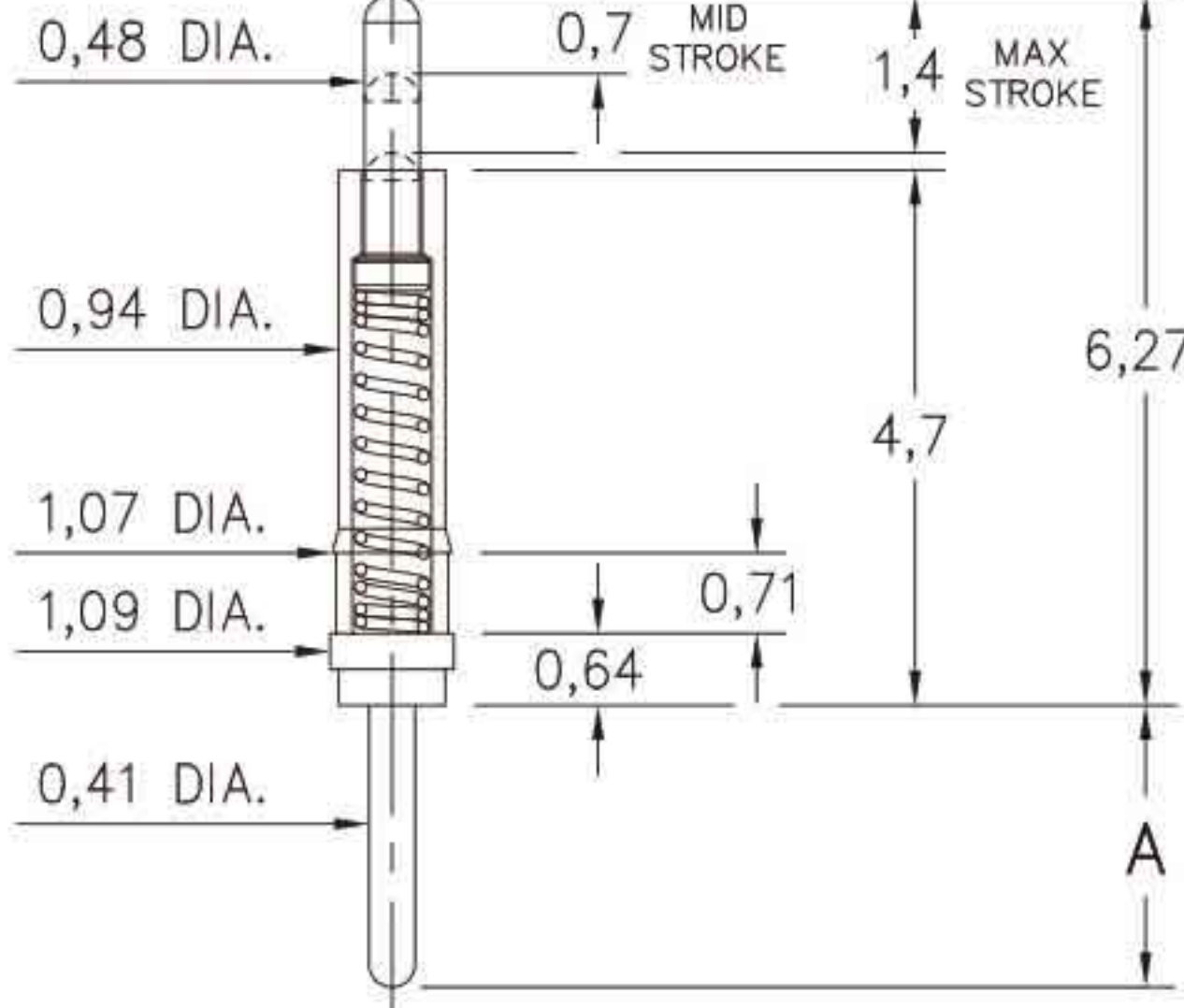
Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g

7966-0
7966-0-15-20-77-14-11-0
Long stroke, Surface mount. Also available in HSMT connector series: 1,450 parts per 330mm reel. Order as: 810-22-0XX-40-005191



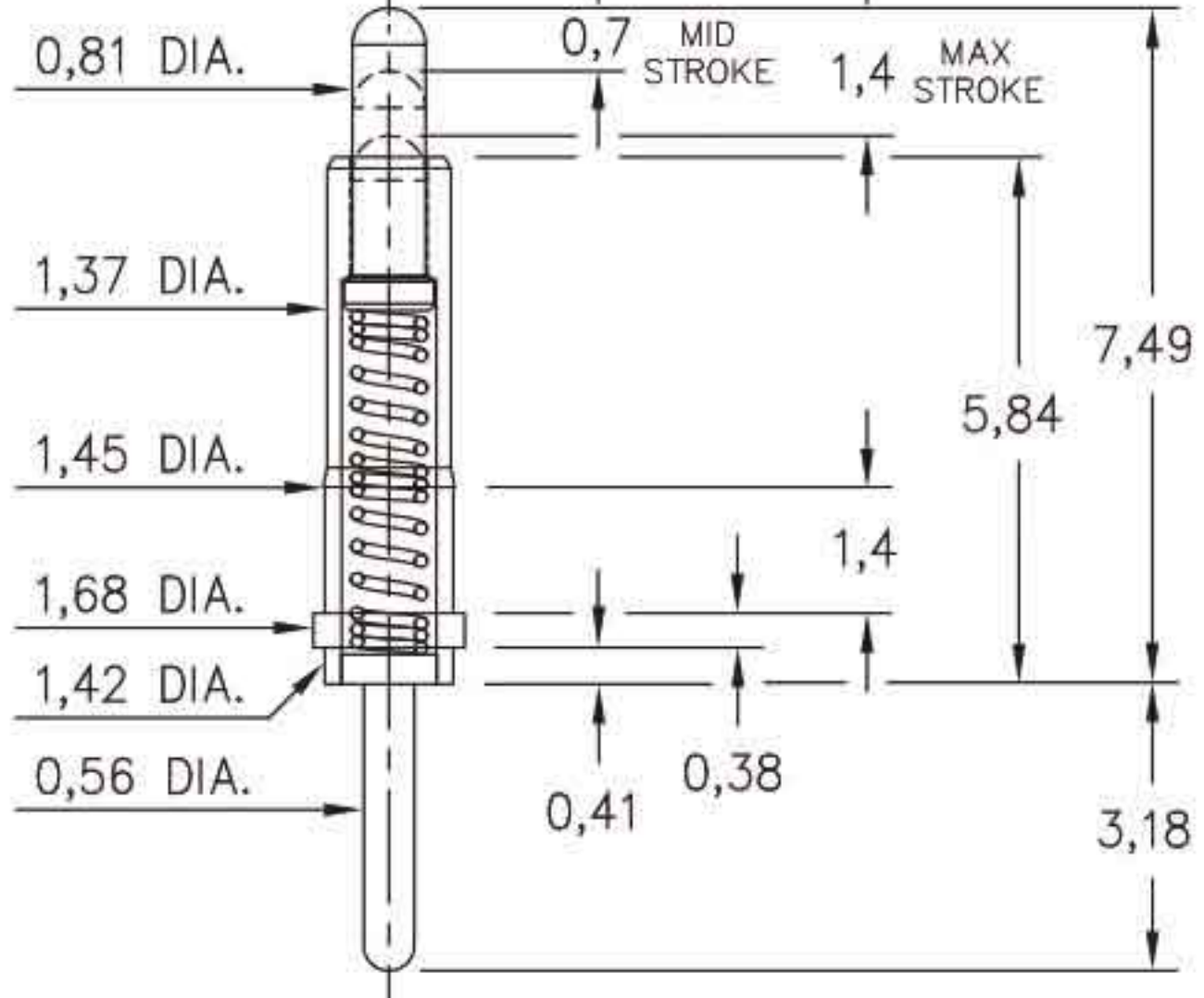
0985
0985-X-15-20-71-14-11-0
Standard stroke
Solder mount in 0,49 min. mounting hole



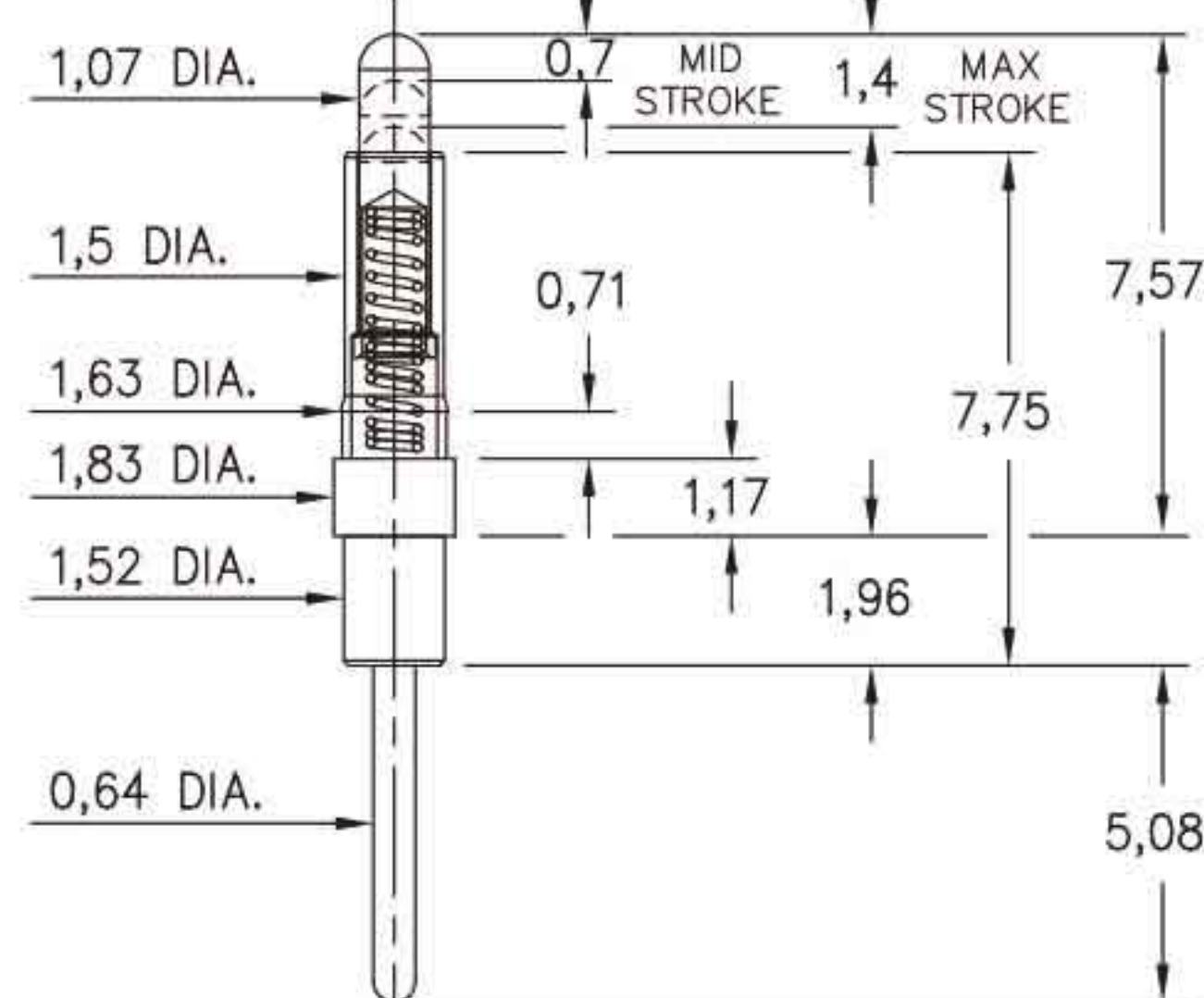
Basic Part Number	Length A
0985-0	2,62
0985-1	3,81
0985-2	4,83

** Durability: Up to 100,000 cycles

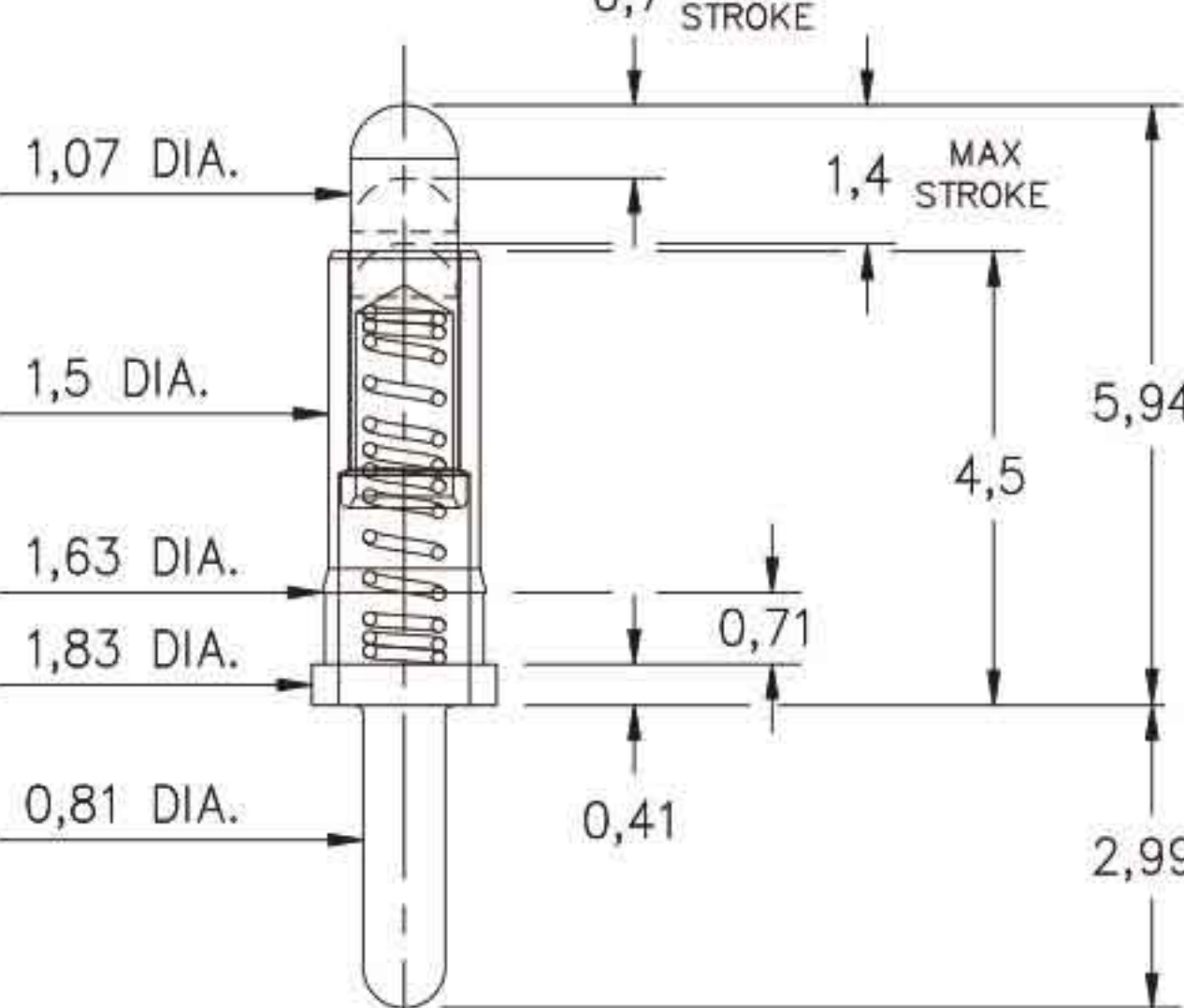
7911
7911-0-15-20-86-14-11-0
Standard stroke, suitable for 2mm spacing
*Stainless steel spring



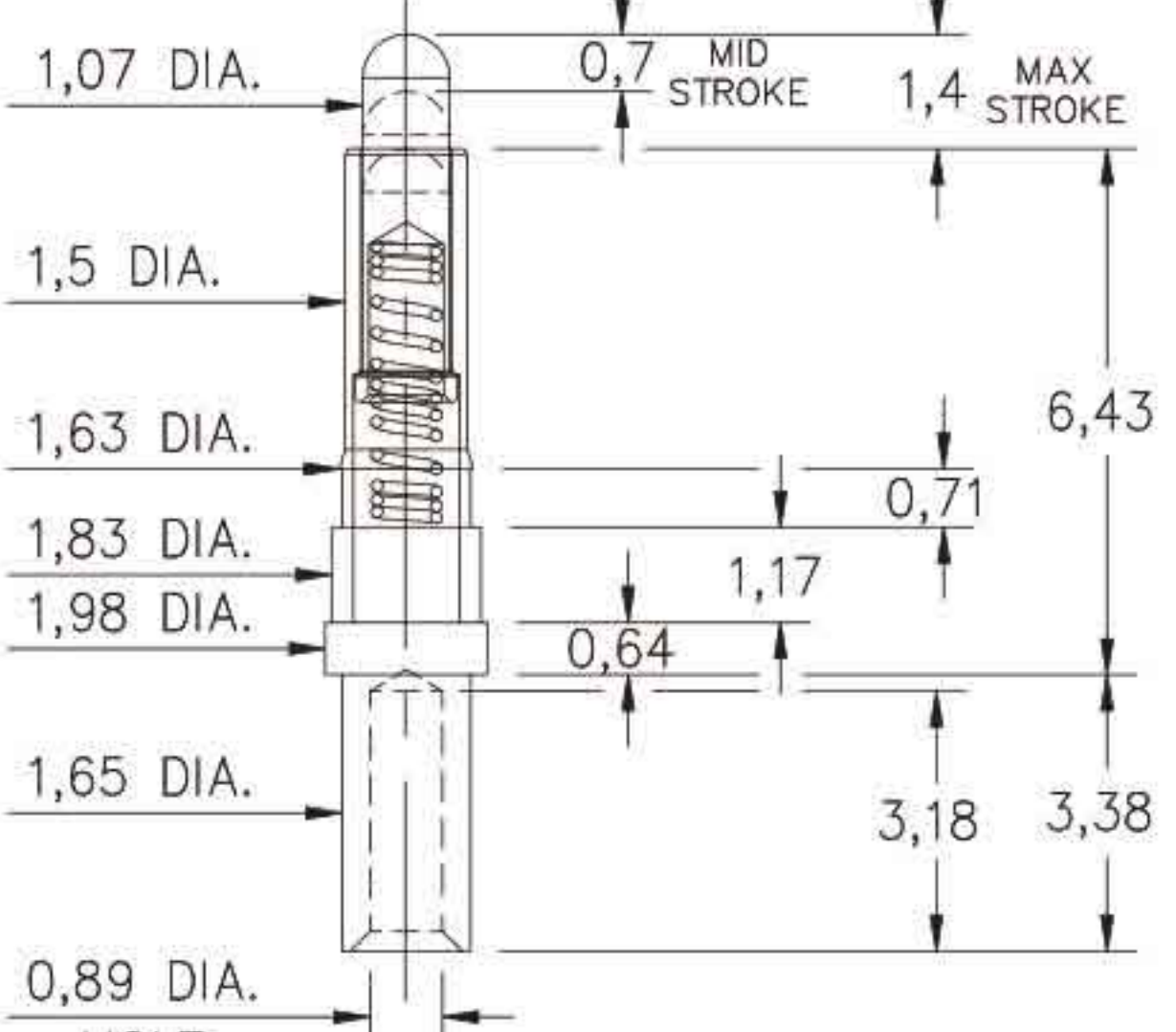
0922 72 or 75
0922-0-15-20-7X-14-11-0
Standard stroke
Solder mount in 0,74 min. mounting hole



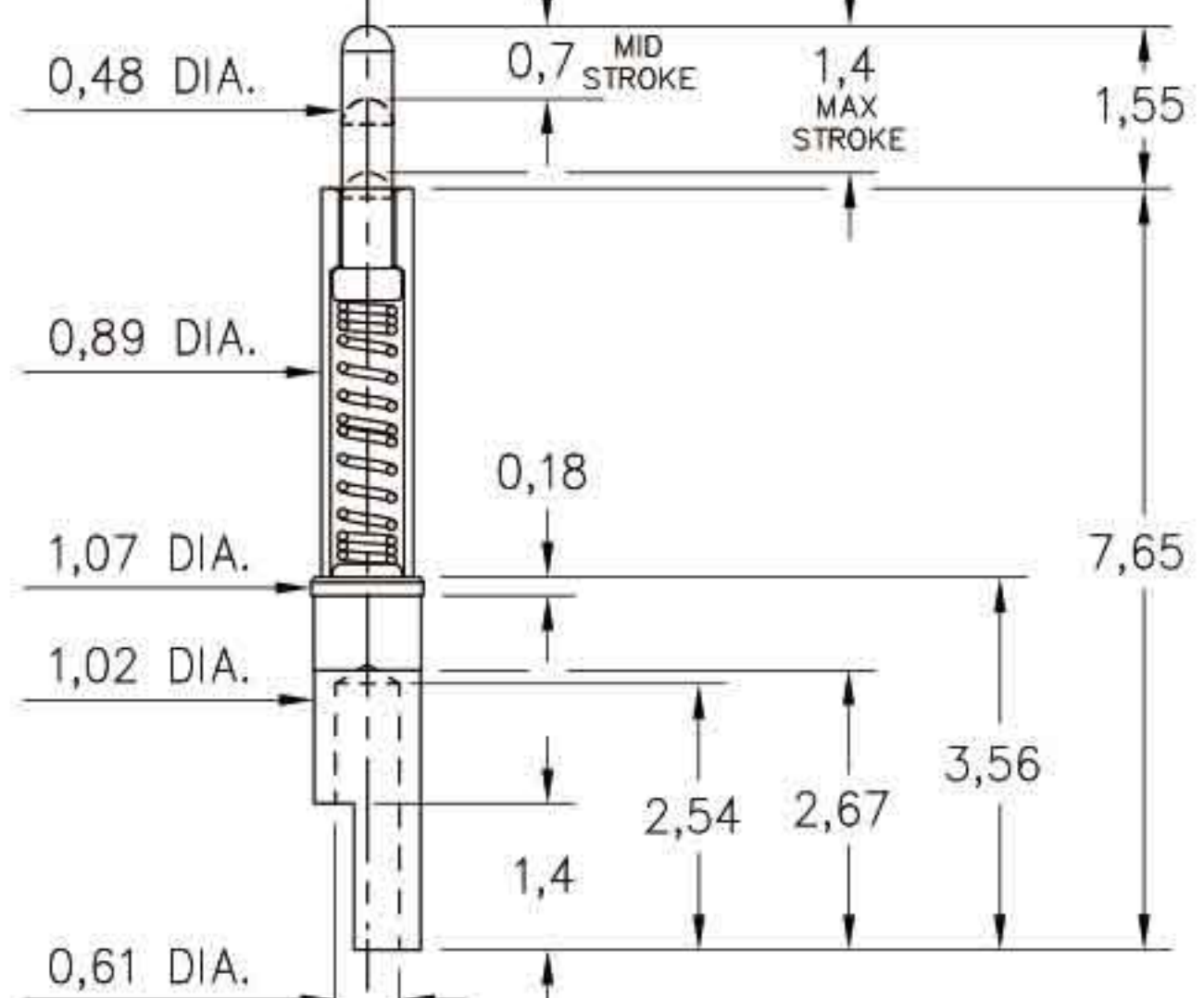
0956 72 or 75
0956-0-15-20-7X-14-11-0
Standard stroke
Solder mount in 0,89 min. mounting hole



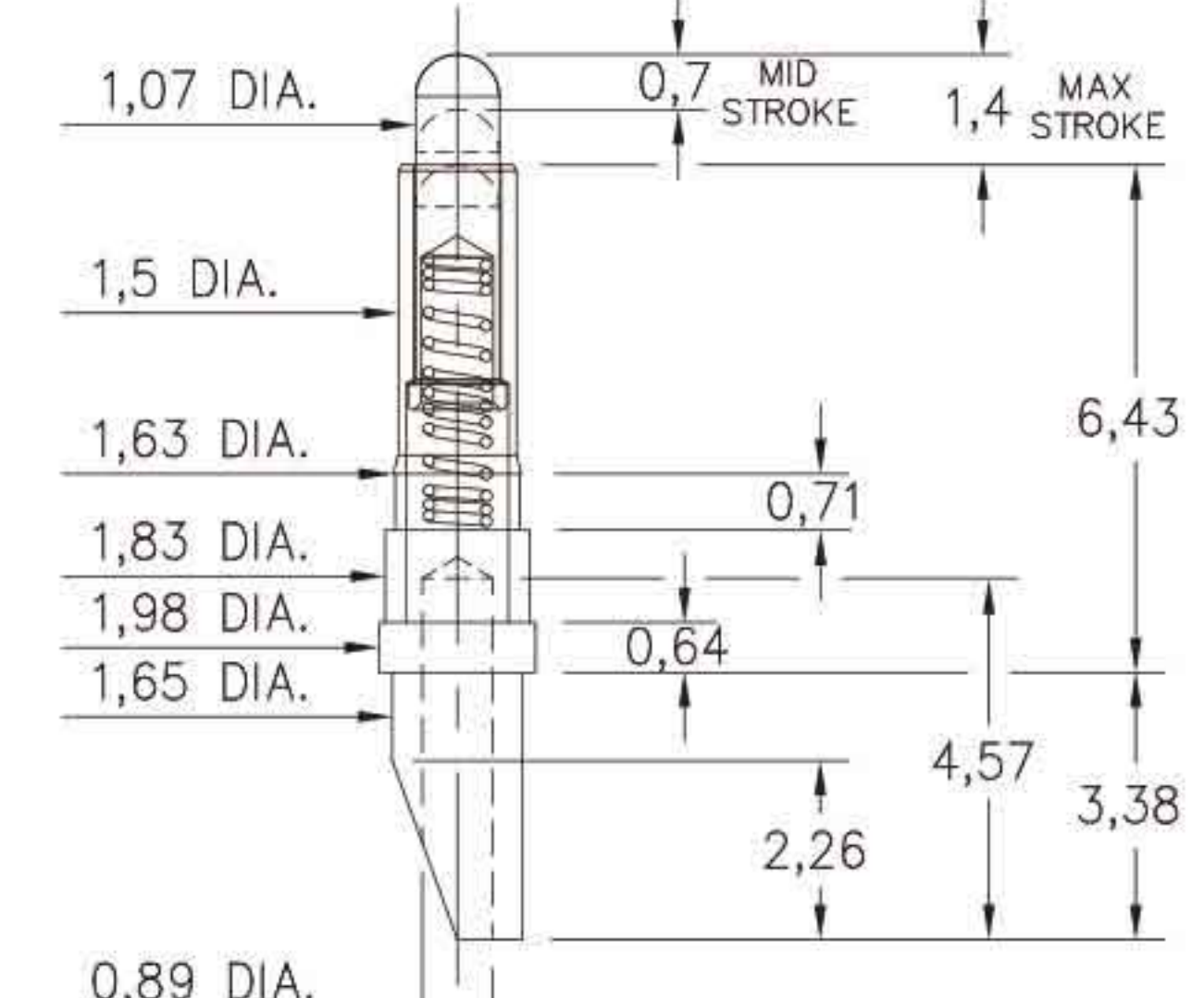
0962 72 or 75
0962-0-15-20-7X-14-11-0
Standard stroke, Wire crimp termination for wire sizes 24 AWG Max. / 28 AWG Min.



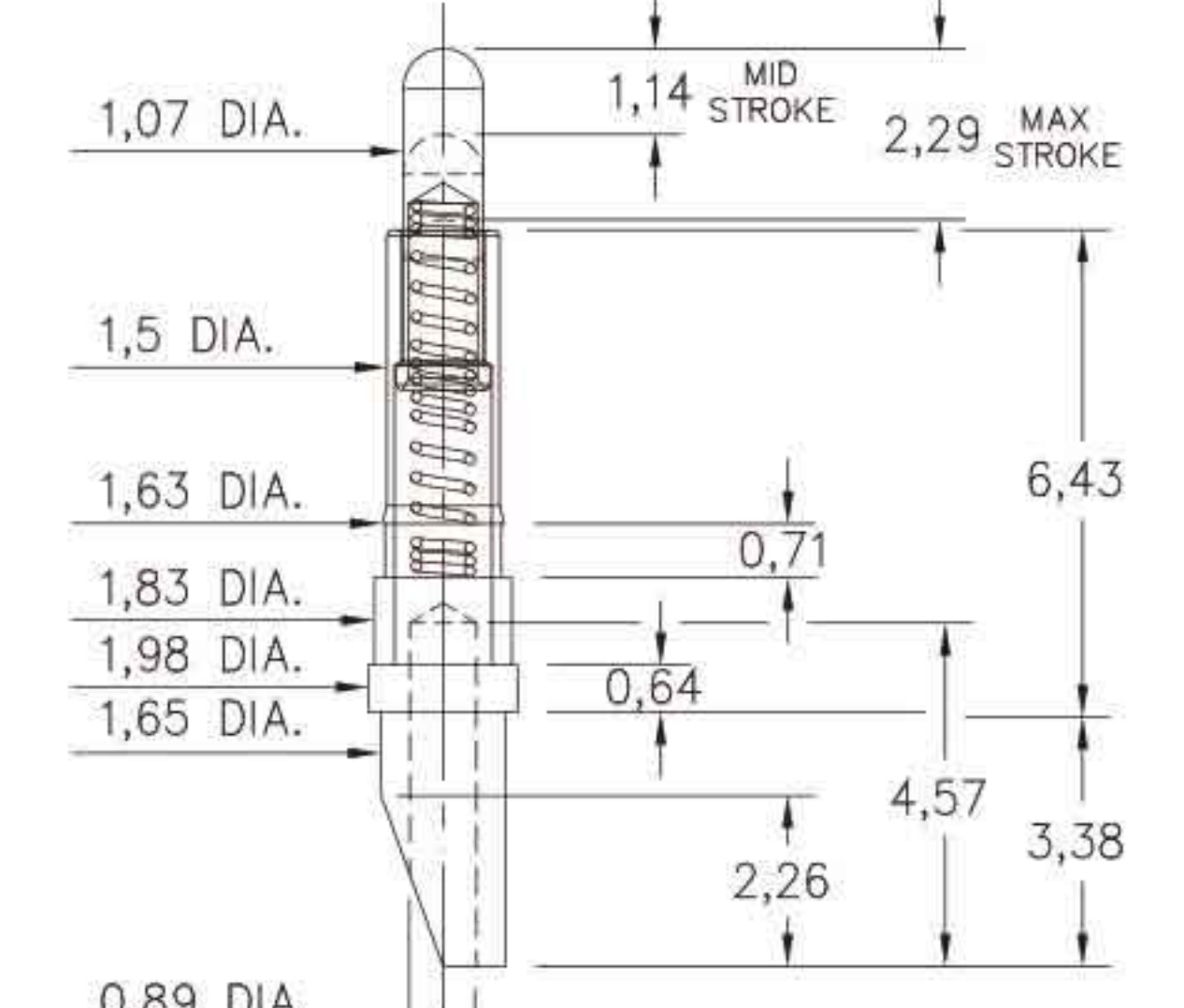
0955
0955-0-15-20-71-14-11-0
Standard stroke, Soldercup
Accepts wire sizes up to 26 AWG



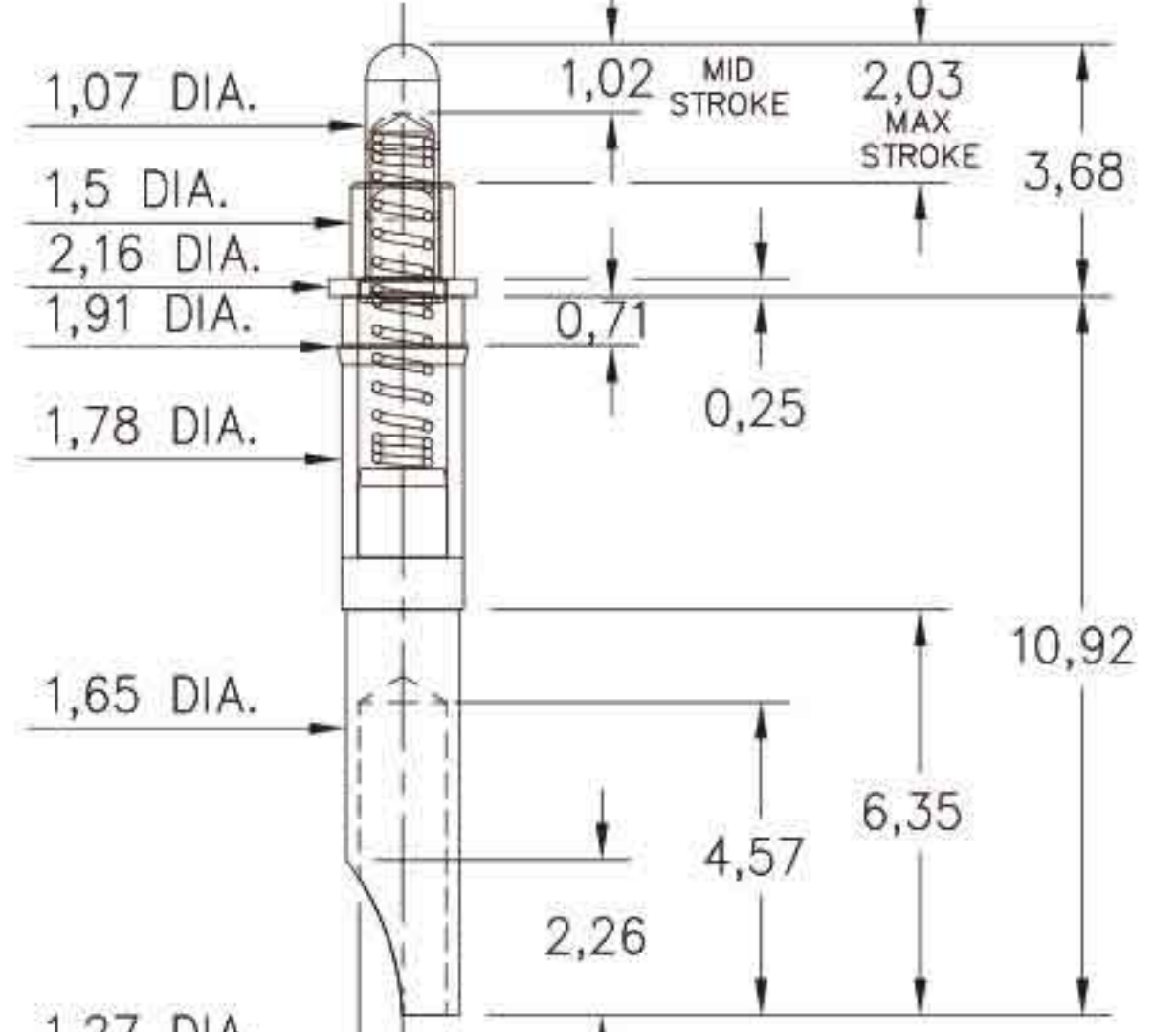
0933 72 or 75
0933-0-15-20-7X-14-11-0
Standard stroke, Soldercup
Accepts wire sizes up to 24 AWG



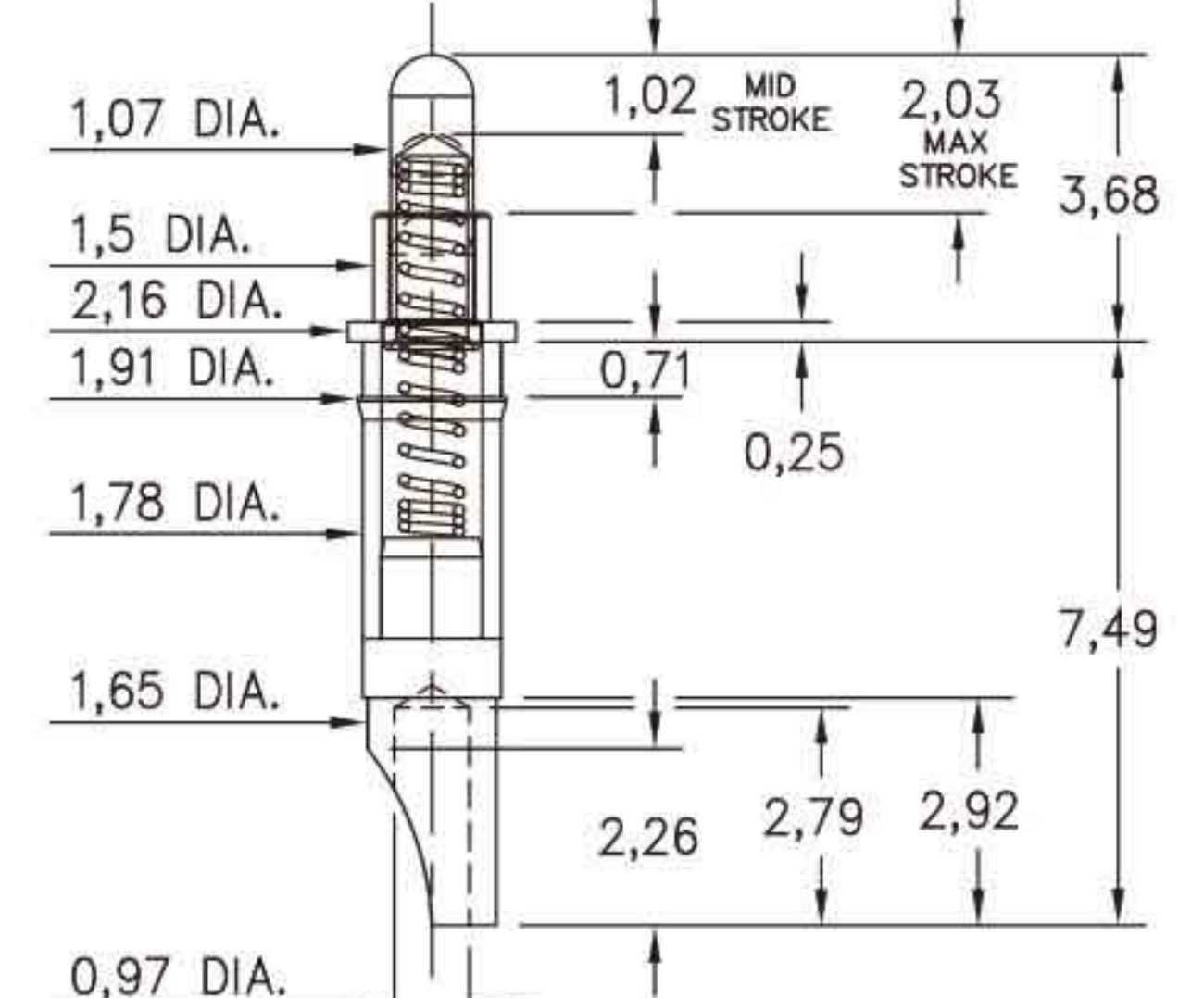
0947
0947-0-15-20-77-14-11-0
Long stroke, Soldercup
Accepts wire sizes up to 24 AWG



0973
0973-0-15-20-77-14-11-0
Long stroke, Soldercup
Accepts wire sizes up to 20 AWG



7973
7973-0-15-20-77-14-11-0
Long stroke, Soldercup
Accepts wire sizes up to 22 AWG



Material Specifications:
Sleeve & Plunger Material: Copper Alloy
Spring Material: BeCu or Stainless Steel 302 *
Sleeve & Plunger Finish: 0,5µm Gold over Nickel
Spring Finish: 0,25µm Gold over Nickel
Dimensions: Millimeters
Tolerances On: Lengths: ± 0,15
Diameters: ± 0,051
Angles: ± 2°

Mechanical & Electrical Specifications:
Durability: Up to 1,000,000 cycles **
Current Rating: 2A continuous, 3A peak
Contact Resistance: 20 mΩ max.
Environmental Specifications:
Operating temperature range: -55/+125° C (discontinuous)
71, 75, 77, 86 Springs are not interchangeable

Order Code: X9XX - X - 15 - 20 - **XX** - 14 - 11 - 0

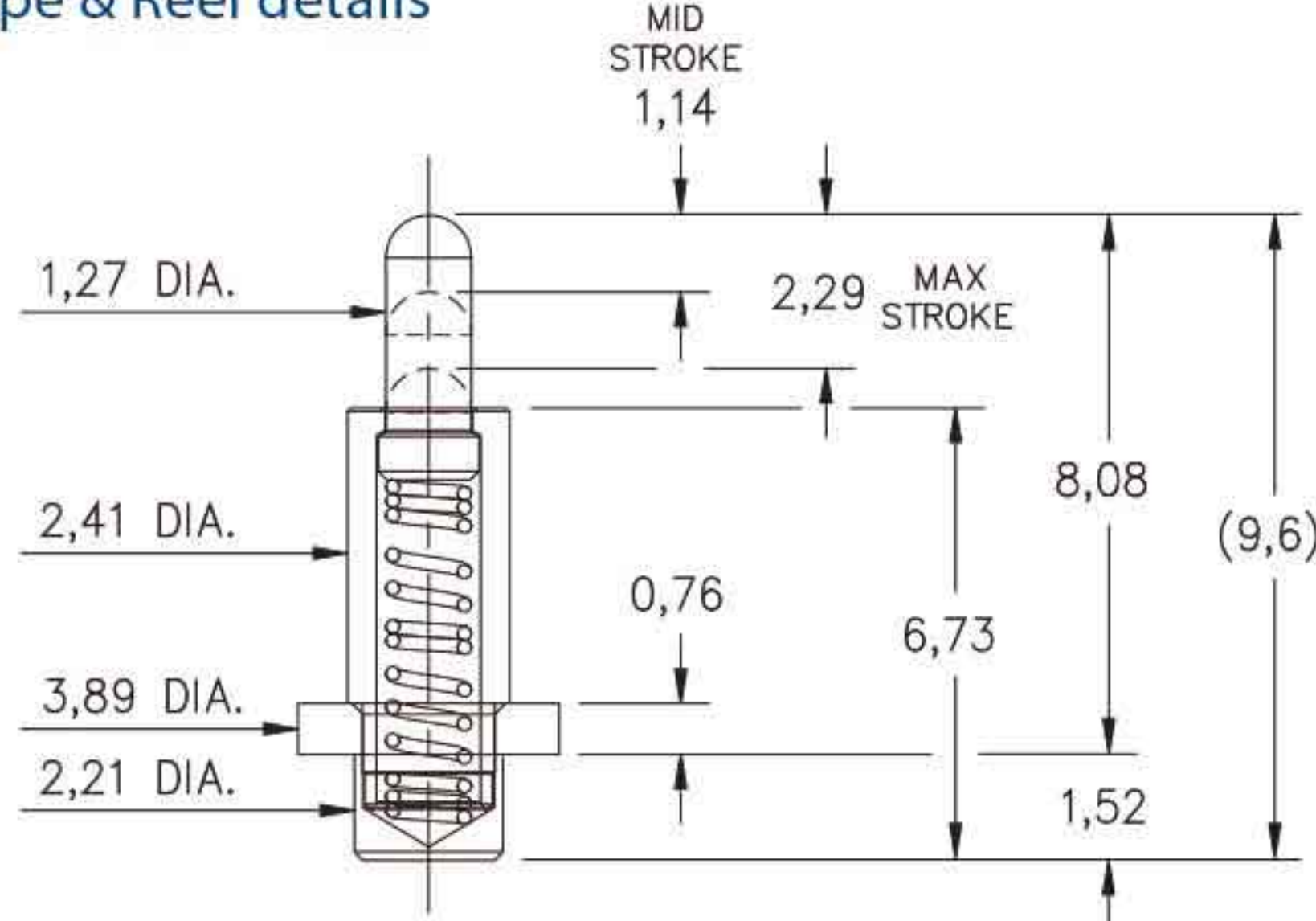
Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
71	0,7	1,4	60 g	15 g
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
77	1,14	2,29	60 g	25 g
* 86	0,7	1,4	100 g	25 g

0851

0851-0-15-20-82-14-11-0

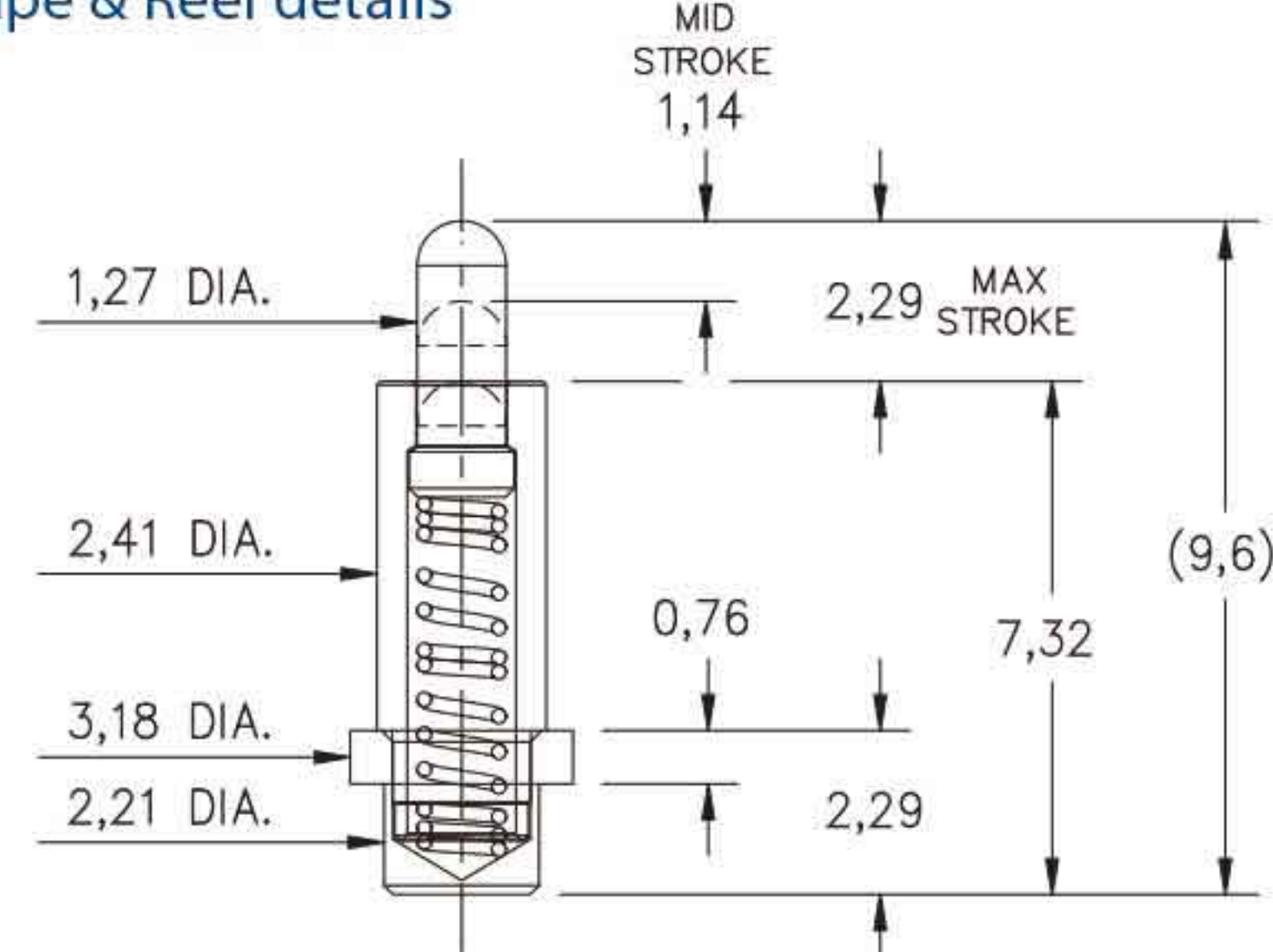
Solder Mount in 2,29 min. mounting hole or Surface Mount, 2,21Ø minimum pad
Also available on 24mm wide carrier tape: 540 parts per 330mm reel
See page 28.6 for Tape & Reel details



0853

0853-0-15-20-82-14-11-0

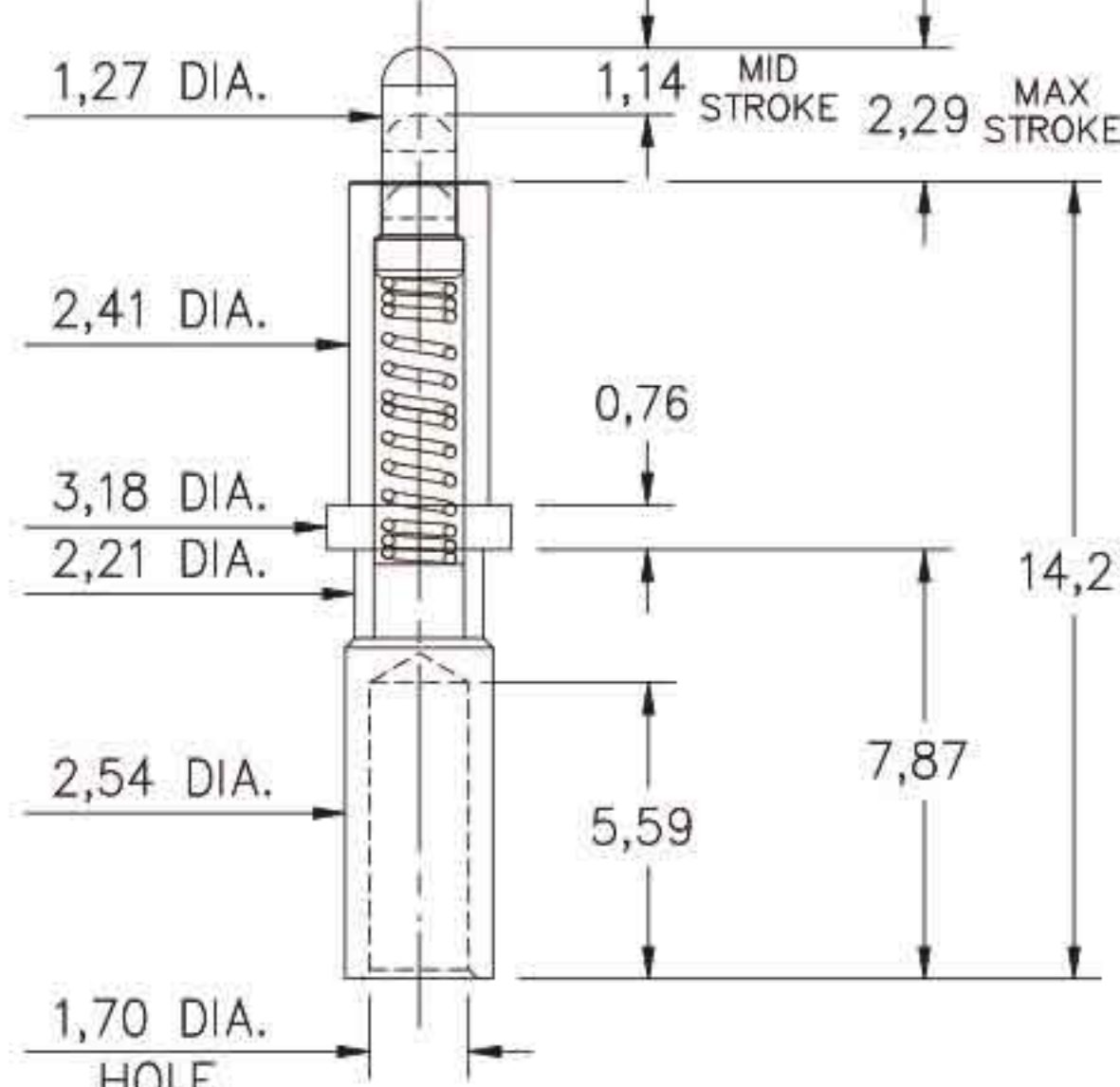
Solder Mount in 2,29 min. mounting hole or Surface Mount, 2,21 Ø minimum pad
Also available on 24mm wide carrier tape: 500 parts per 330mm reel
See page 28.6 for Tape & Reel details



0855

0855-0-15-20-82-14-11-0

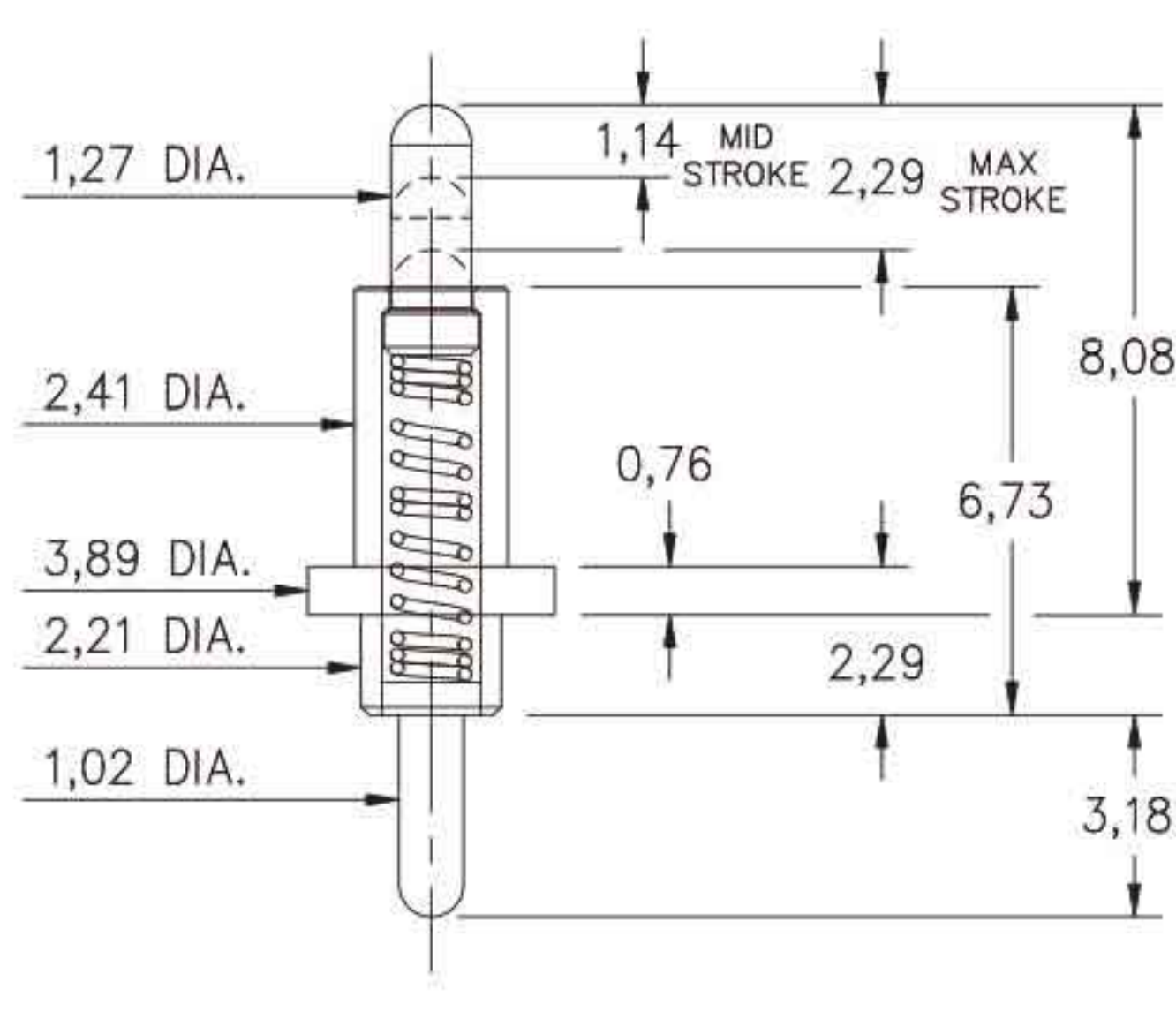
Power spring pin, Wire crimp termination for wire sizes 16 AWG Max. / 20 AWG Min.



0856

0856-0-15-20-82-14-11-0

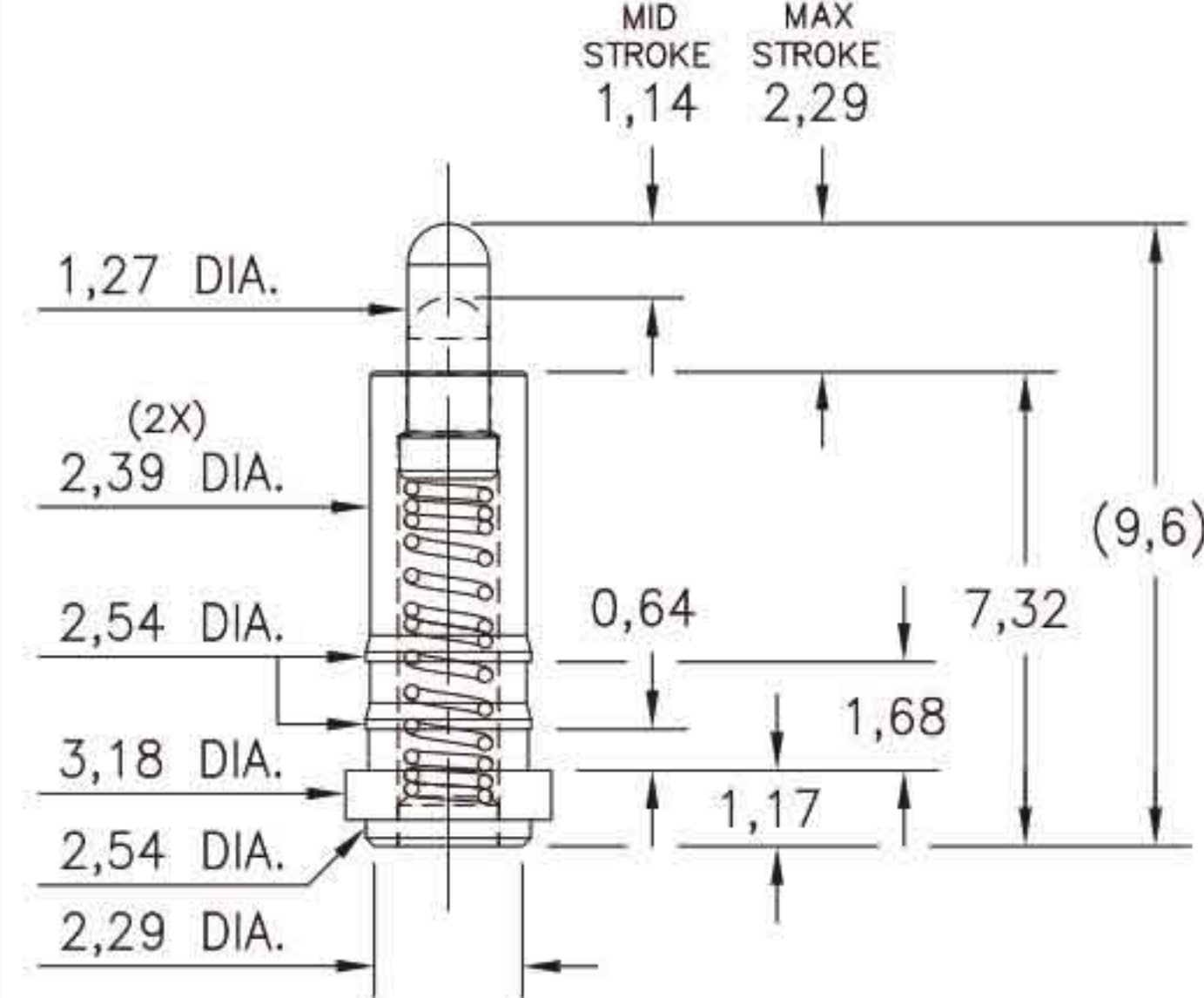
Power spring pin Solder Mount in 1,14 min. mounting hole



0859

0859-0-15-20-82-14-11-0

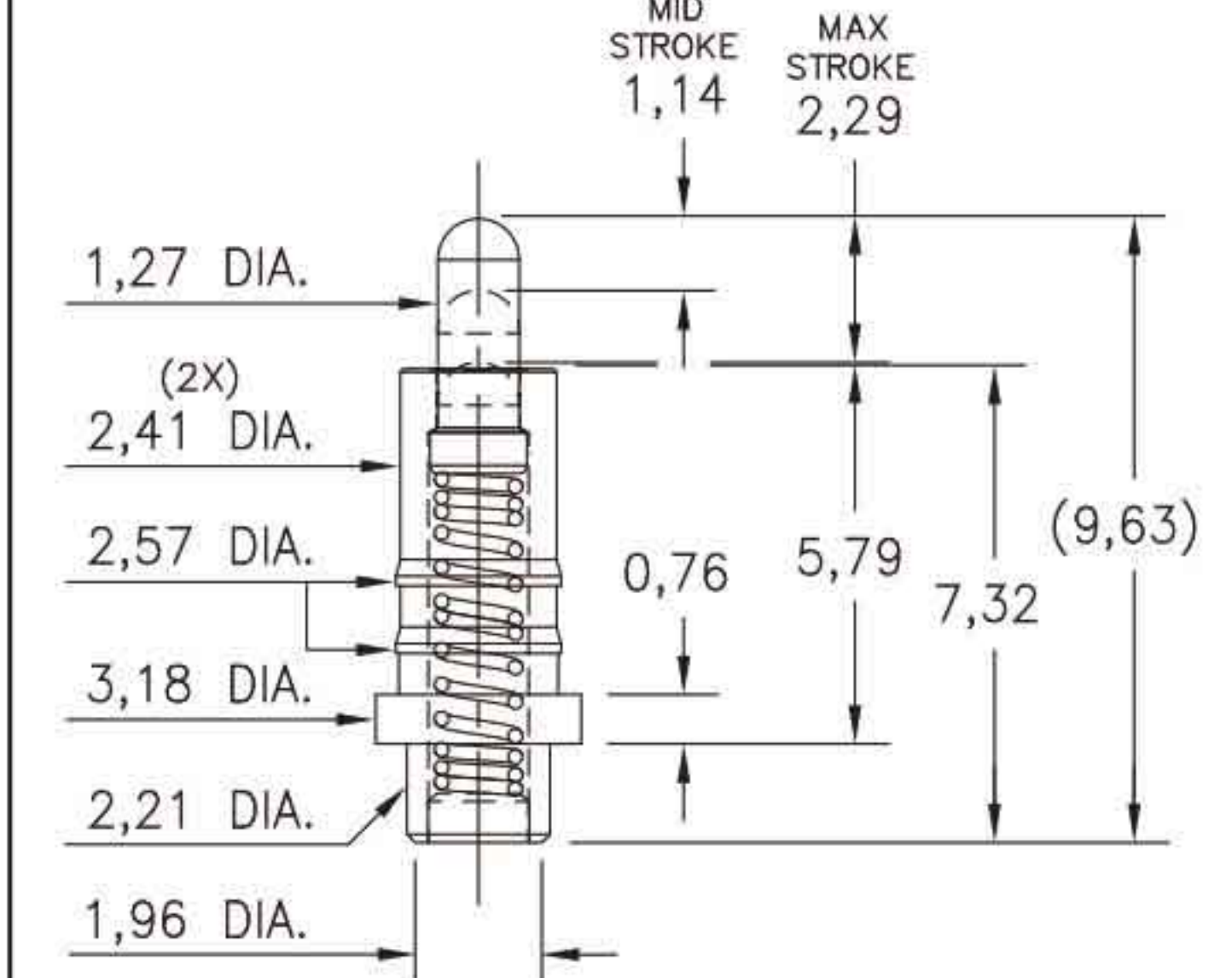
Power spring pin Surface Mount, 2,54 Ø suggested pad size



0873

0873-0-15-20-82-14-11-0

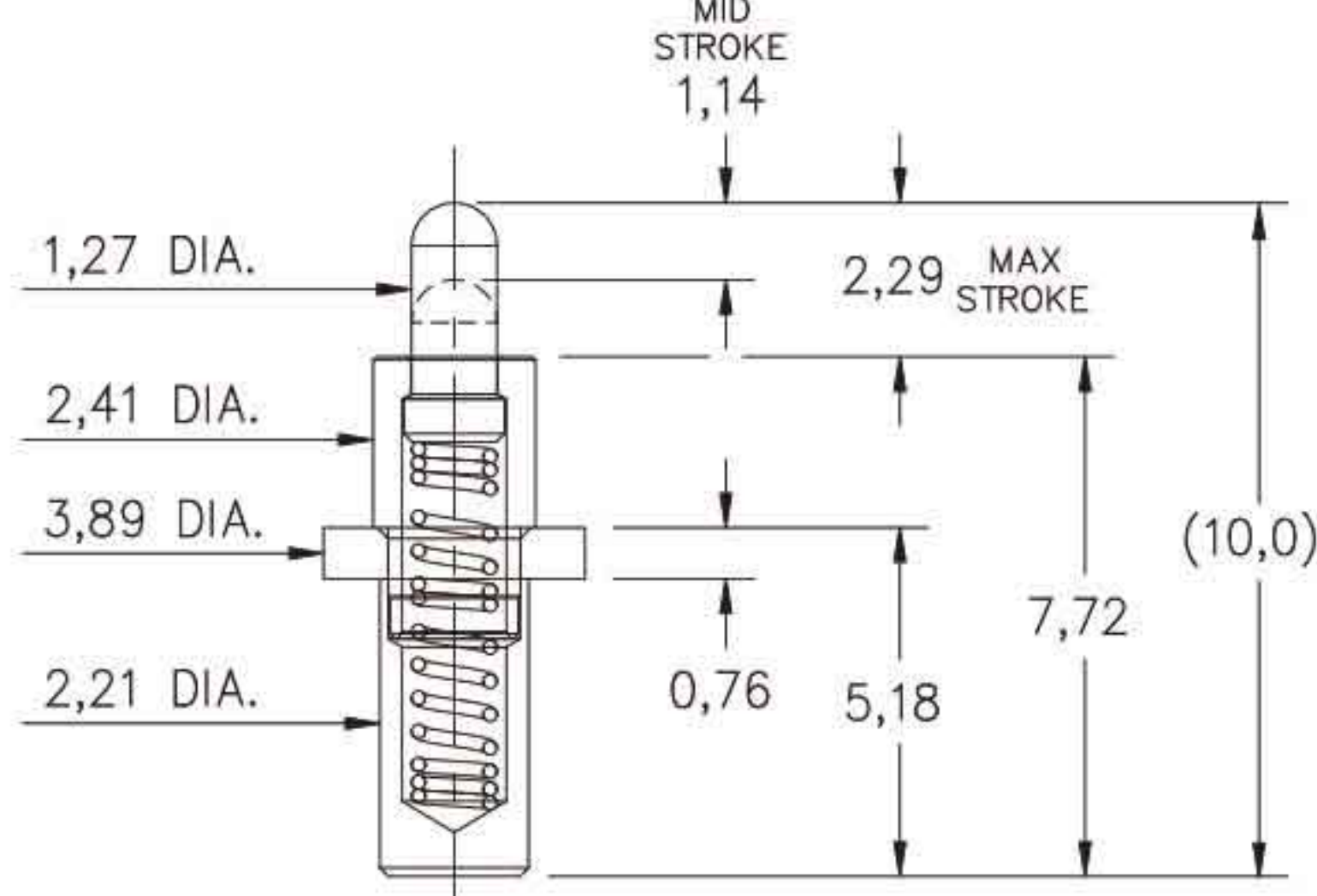
Solder Mount in 2,29 min. mounting hole or Surface Mount, 2,21 Ø minimum pad size



0850

0850-0-15-20-83-14-11-0

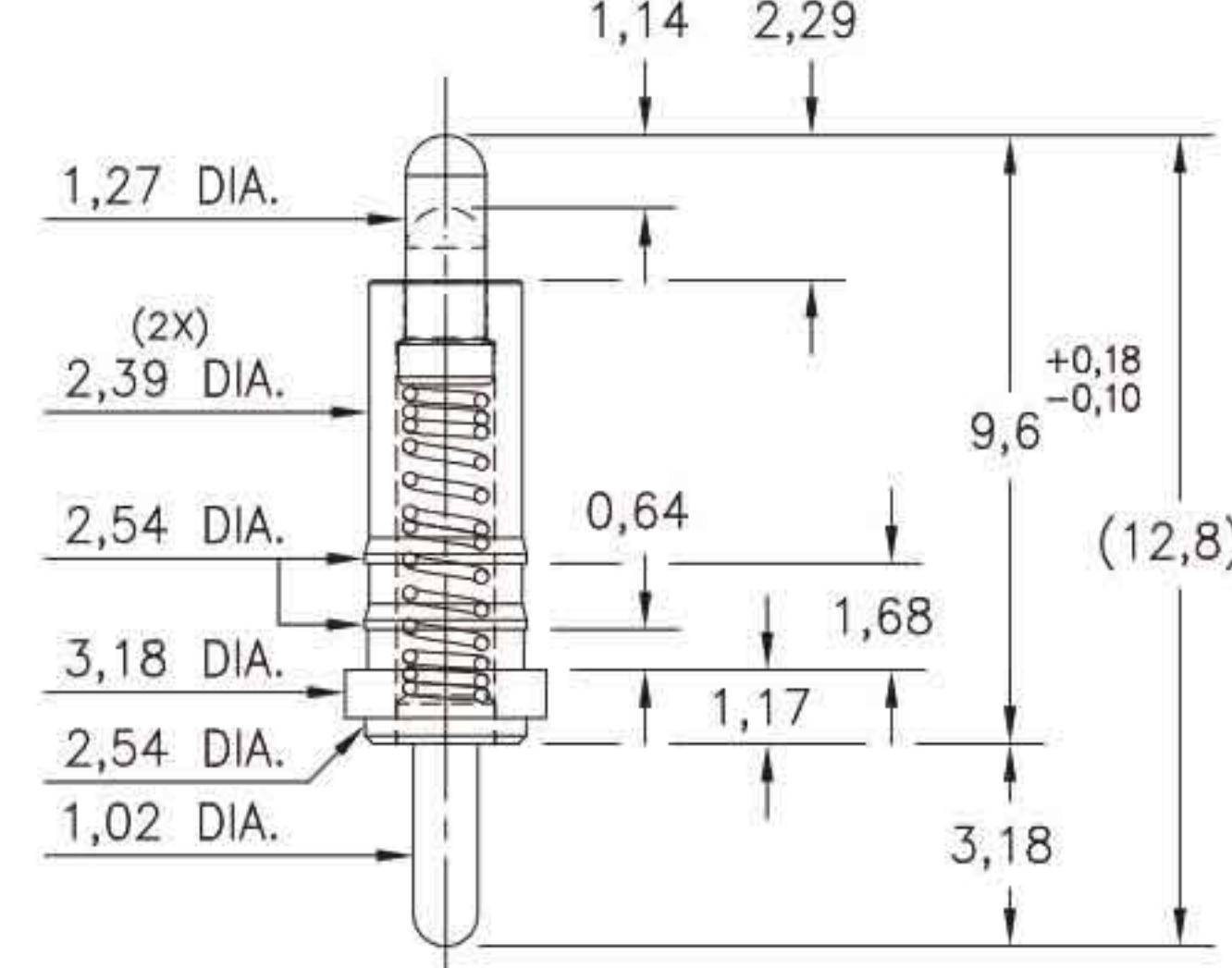
Power spring pin, Solder Mount in 2,29 min. mounting hole
Also available on 32mm wide carrier tape: 500 parts per 330mm reel
See page 28.6 for Tape & Reel details



0858

0858-0-15-20-82-14-11-0

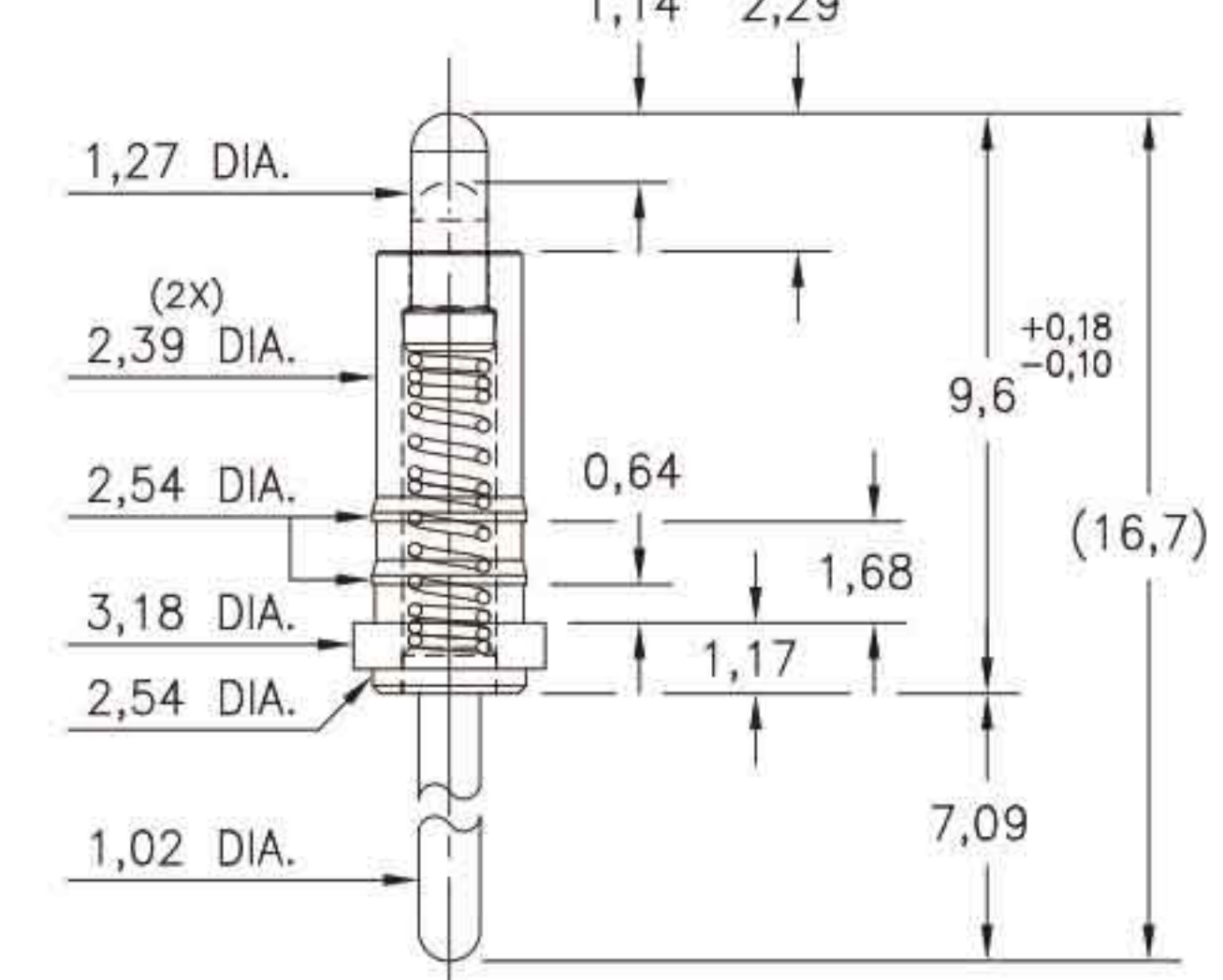
Power spring pin Solder Mount in .045 min. mounting hole



0878

0878-0-15-20-82-14-11-0

Power spring pin Solder Mount in .045 min. mounting hole



Material Specifications:

Sleeve & Plunger Material: Copper Alloy
Spring Material: Stainless Steel 302
Sleeve & Plunger Finish: 0,5µm Gold over Nickel
Spring Finish: 0,25µm Gold over Nickel
Dimensions: Millimeters
Tolerances On: Lengths: ± 0,15
Diameters: ± 0,051
Angles: ± 2°

Mechanical & Electrical Specifications:

Durability: Up to 1,000,000 cycles
Rated Current (Free air): Continuous 9 amps @ 10° C temperature rise
Contact Resistance: 20 mΩ max.

Environmental Specifications:

Operating temperature range: -55/+125° C (discontinuous)

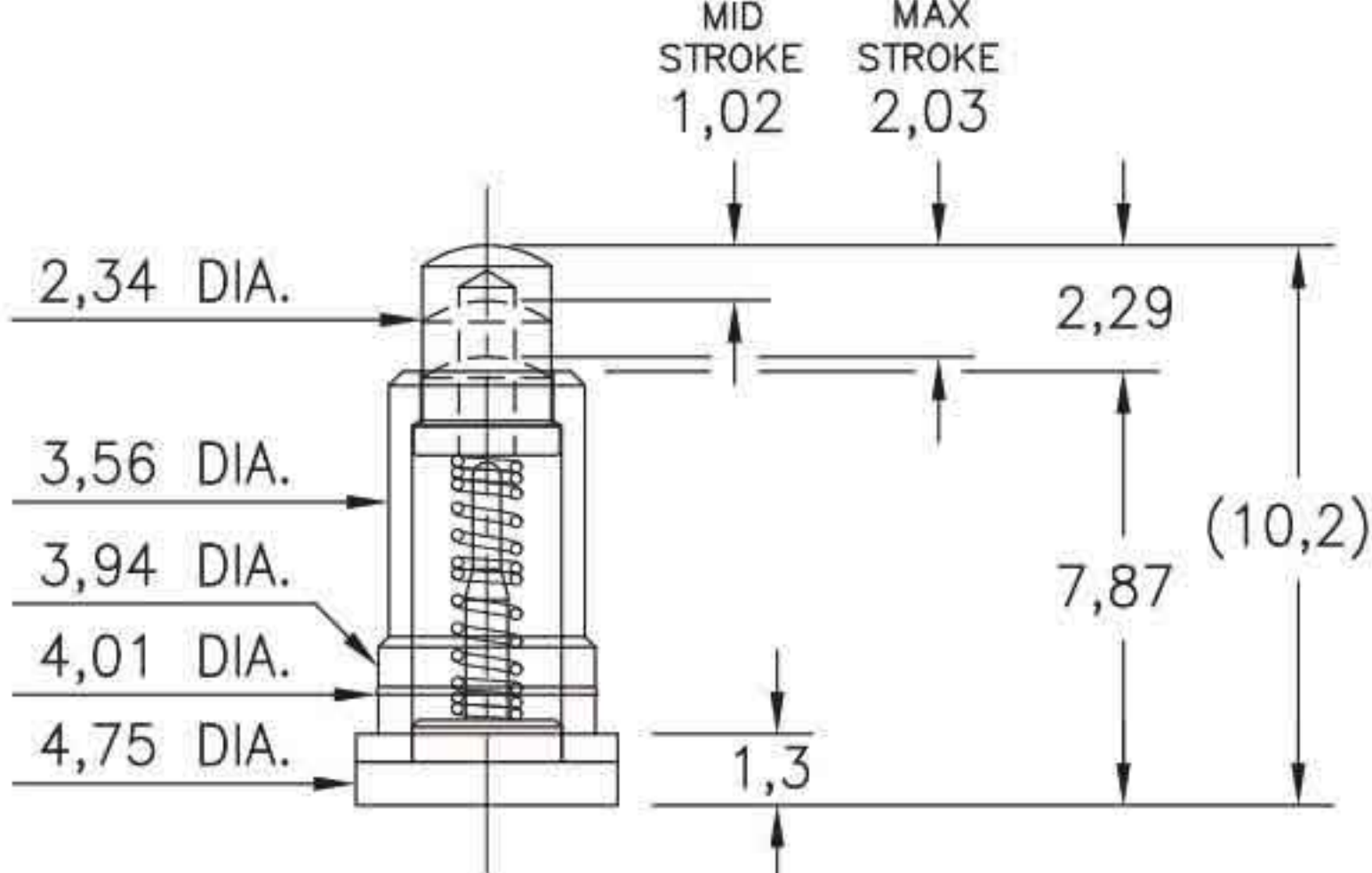
82, 83 Springs are not interchangeable

Order Code: 08XX - X - XX - 20 - **8X** - 14 - 11 - 0

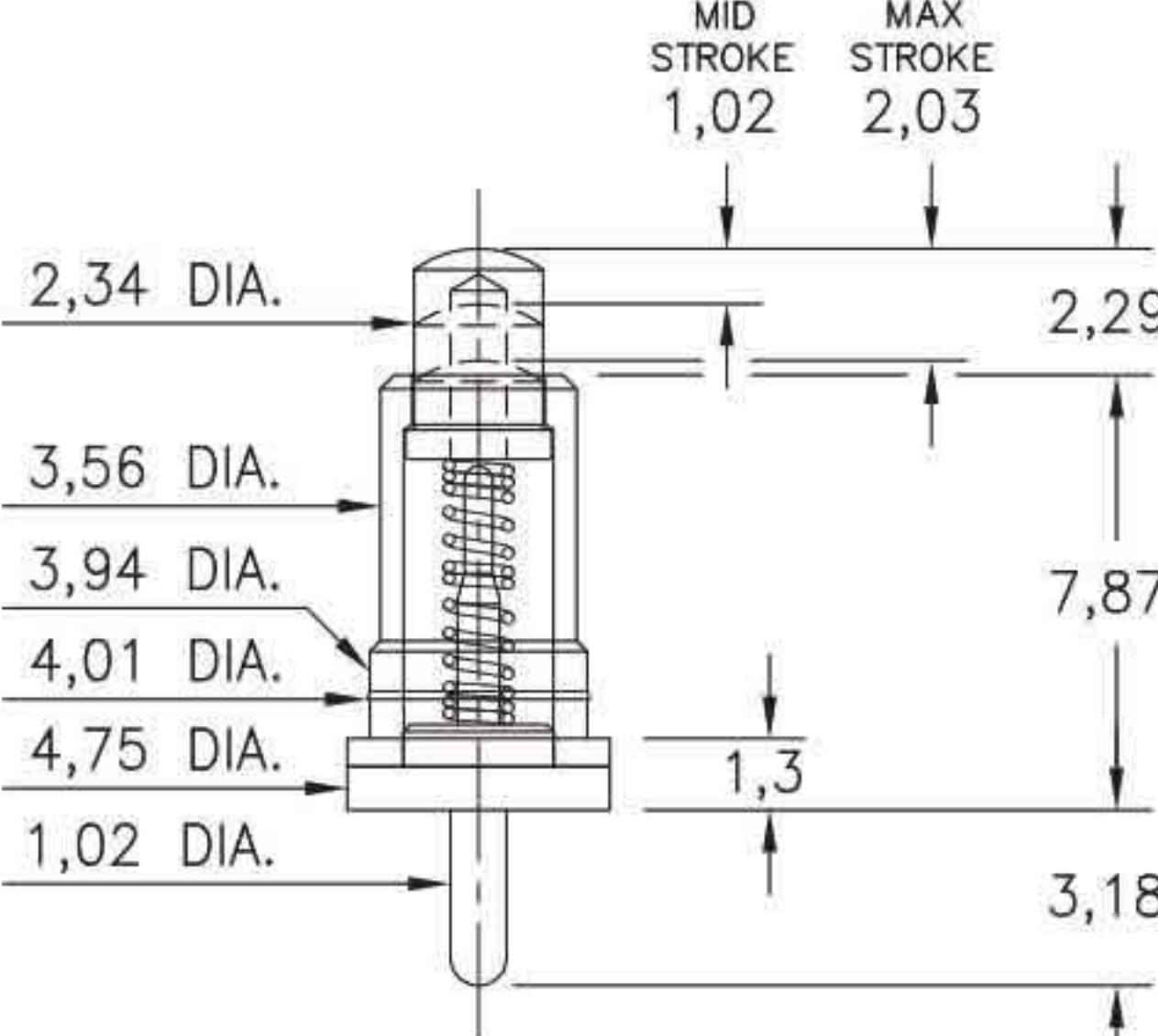
Spring Number

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
82	1,14	2,29	120 g	25 g
83	1,14	2,29	120 g	25 g

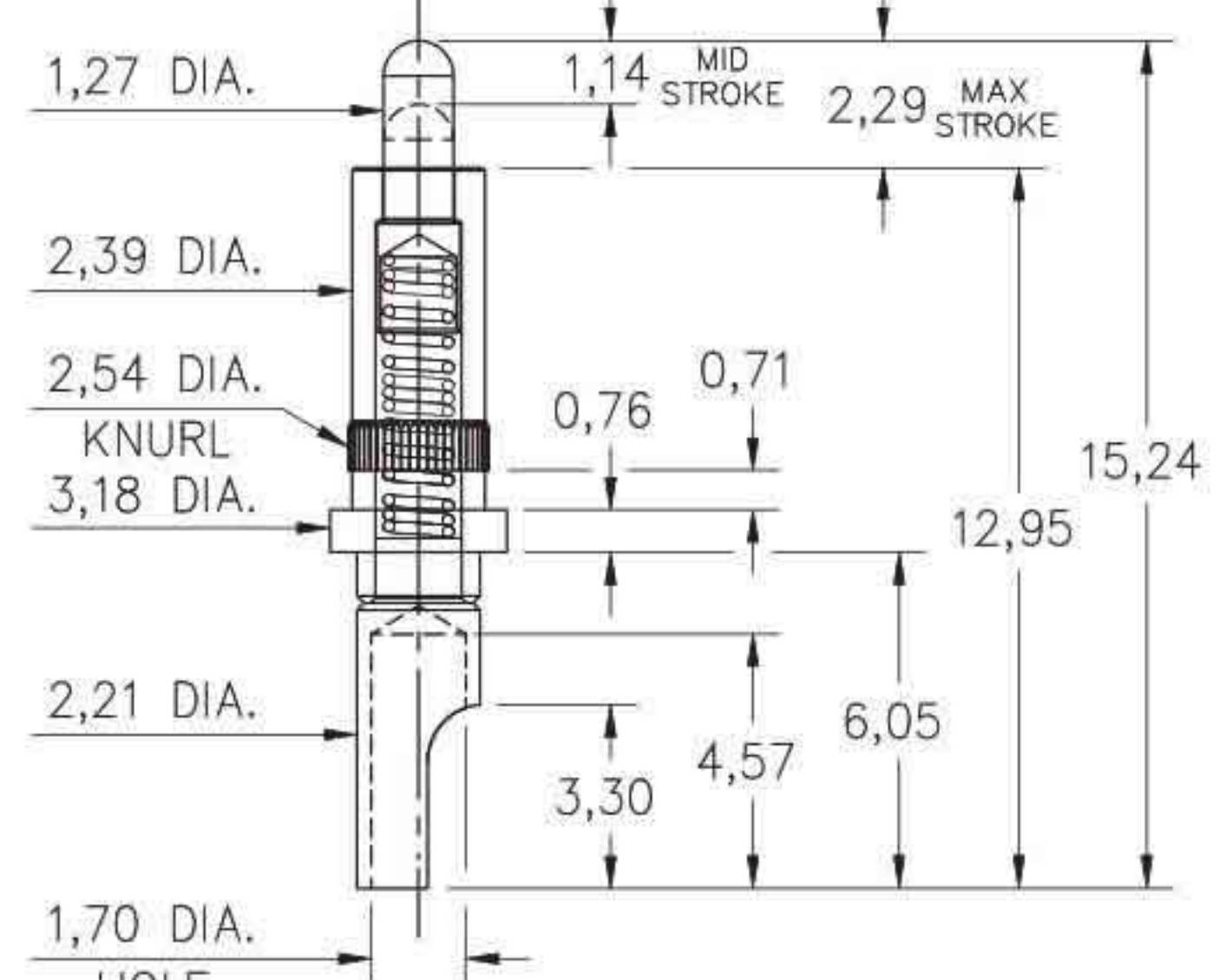
0871
0871-0-15-20-82-14-11-0
 Long stroke, Surface mount *Force @ Mid. Stroke 100g
 Also available on 24mm wide carrier tape: 330 parts per 330mm reel
 See page 28.6 for Tape & Reel details



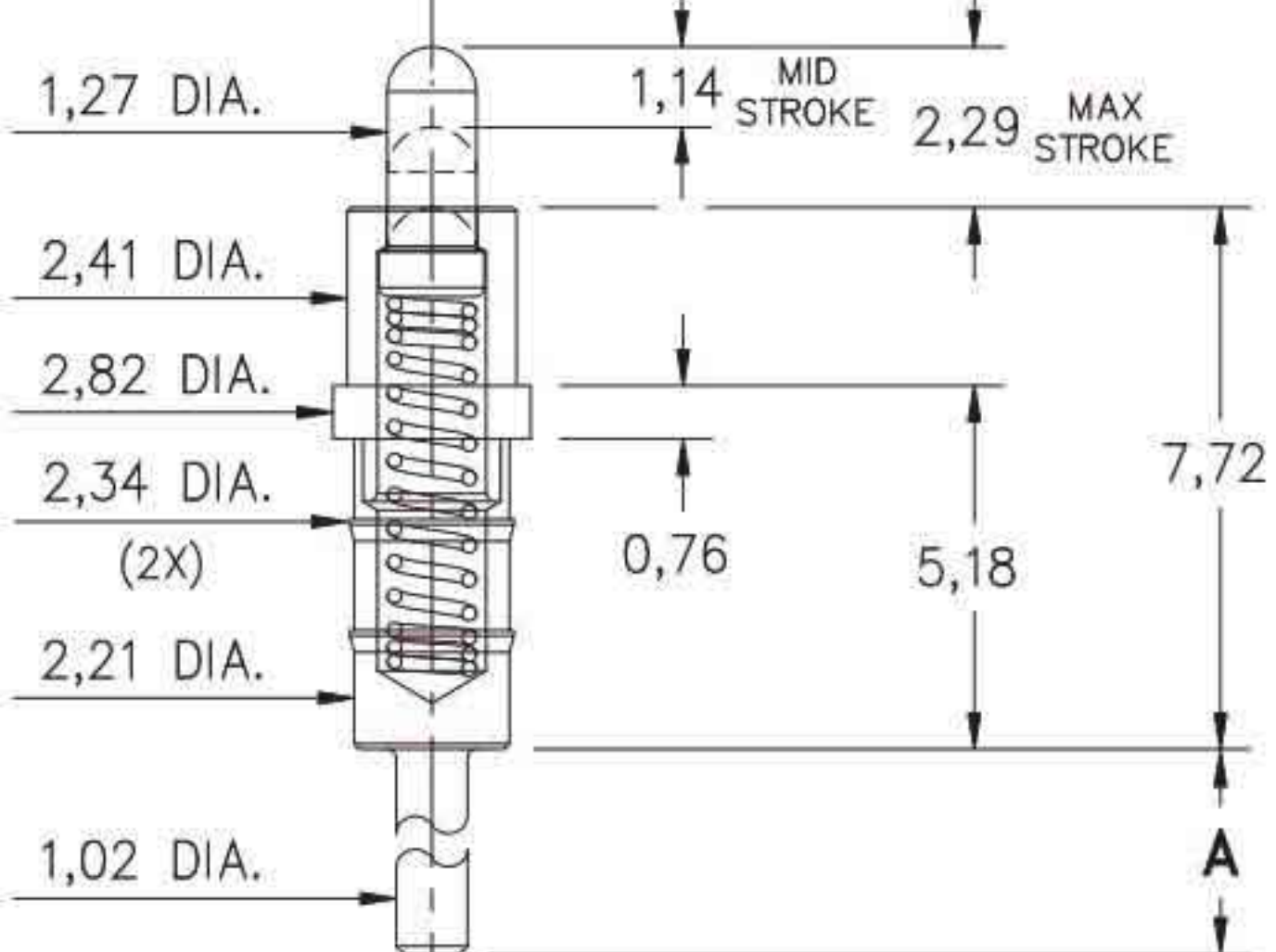
0861
0861-0-15-20-82-14-11-0
 Solder Mount in 1,09 min. mounting hole
 *Force @ Mid. Stroke 100g



0868
0868-0-15-20-82-14-11-0
 Long stroke, Soldercup
 Accepts wire sizes up to 16 AWG

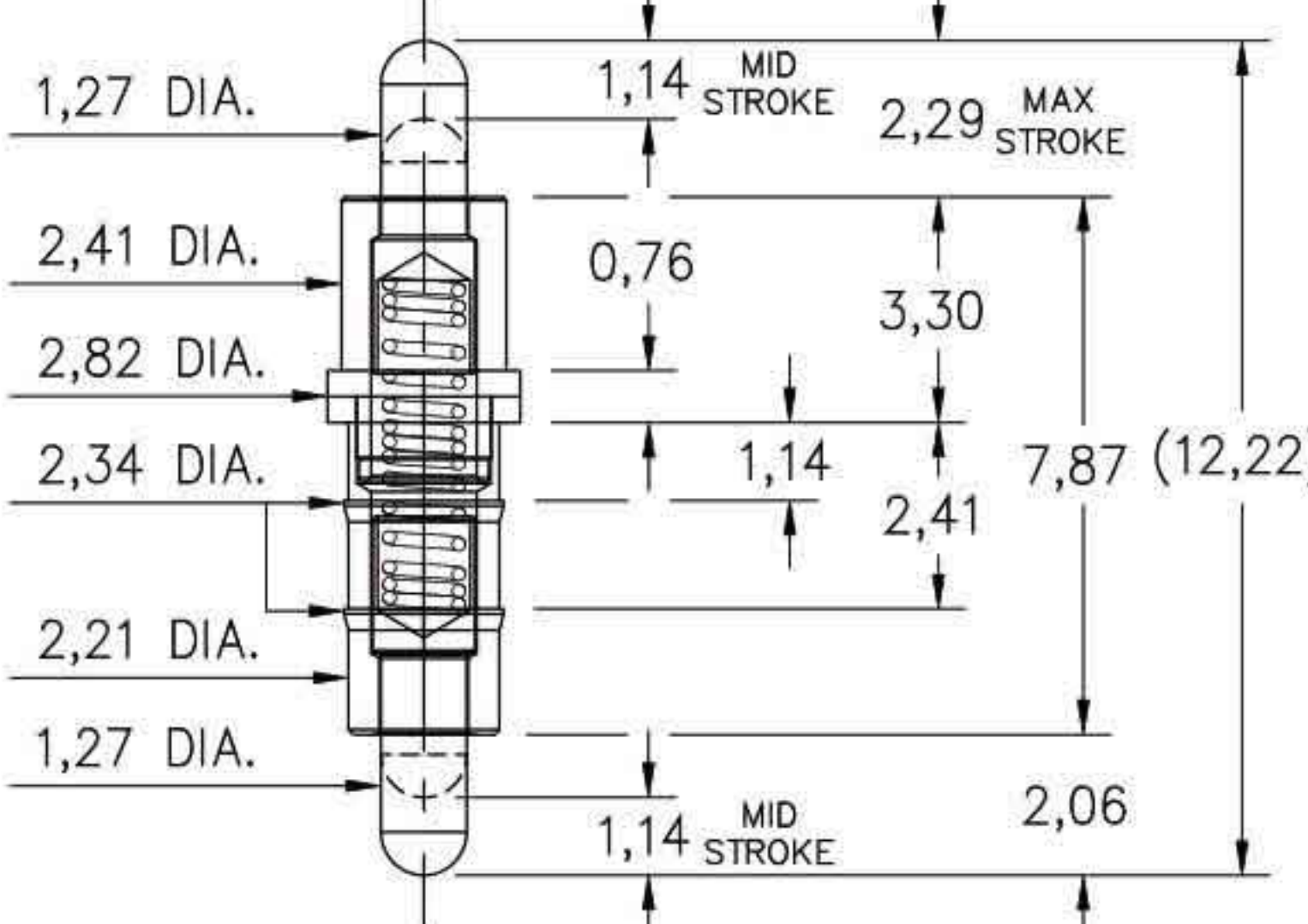


0852
0852-X-15-20-83-14-11-0
 Power spring pin, Solder mount in 1,14 min. mounting hole
 Also available on 44mm wide carrier tape: 425 parts per 330mm reel
 See page 28.6 for Tape & Reel details

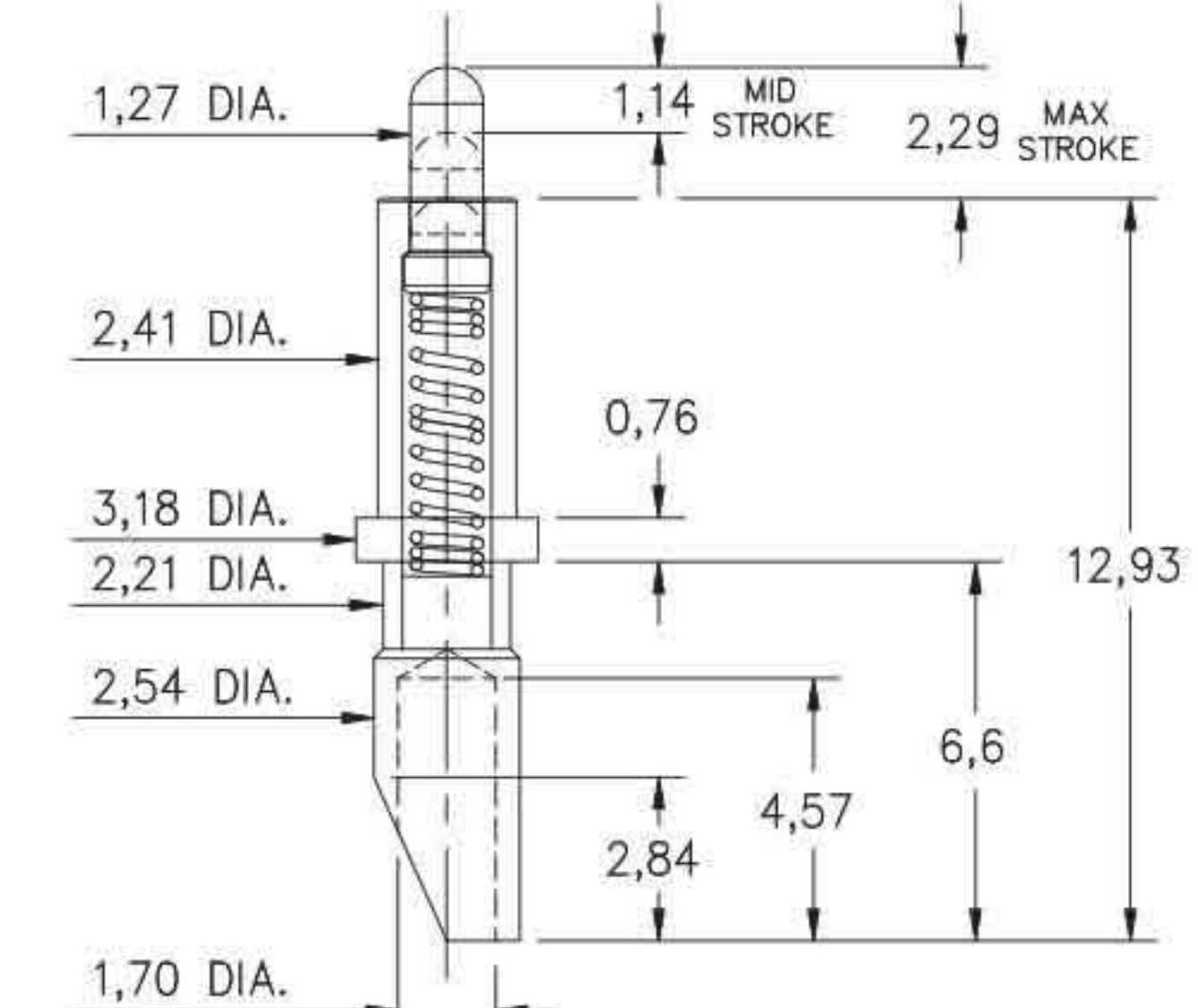


Basic Part Number	Length A
0852-0	1,52
0852-1	4,06

0880
0880-1-15-20-82-14-11-0
 Double action, 2,29 Max. combined stroke
 Mount between parallel circuit boards



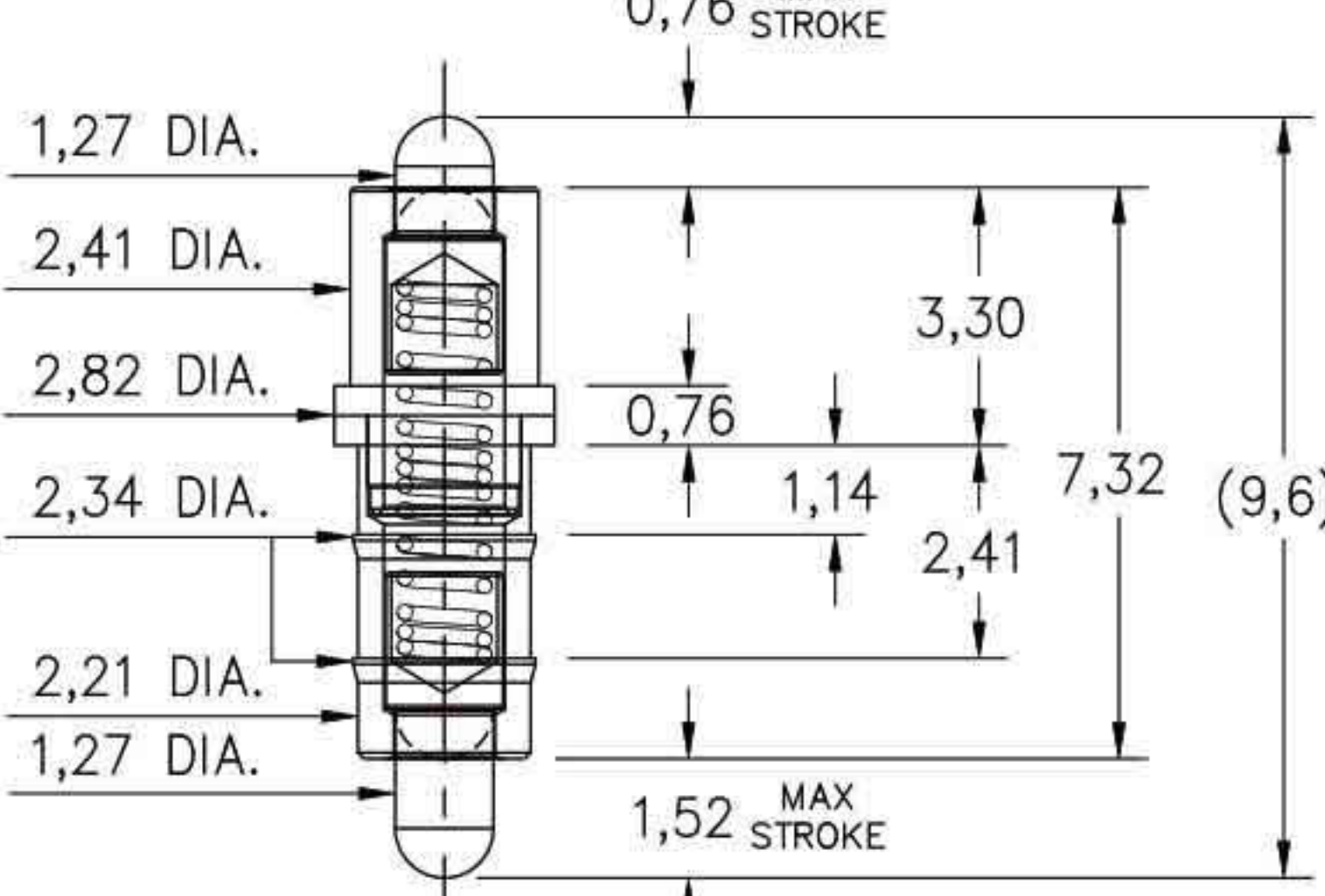
0854
0854-0-15-20-82-14-11-0
 Power spring pin, Soldercup
 Accepts wire sizes up to 1,45 Dia.



0881
0881-1-15-20-82-14-11-0
 Double action, 2,29 Max. combined stroke
 Mount between parallel circuit boards



0881
0881-2-15-20-82-14-11-0
 Double action, 2,29 Max. combined stroke
 Mount between parallel circuit boards



Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: Stainless Steel 302
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ±0,15

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Rated Current (Free air): Continuous 9 amps @ 10° C temperature rise
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range: -55/+125° C (discontinuous)

Order Code: 08XX - X - XX - 20 - **8X** - 14 - 11 - 0

Spring Number

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
82	1,14	2,29	120 g	25 g

0900-0
0900-0-57-20-76-14-11-0
 Short stroke, Surface mount
 16mm wide carrier tape: 2,000 parts per 330mm reel.

0900-1 72 or 75
0900-1-57-20-7X-14-11-0
 Standard stroke, Surface mount
 16mm wide carrier tape: 1,500 parts per 330mm reel.

0900-1 72 or 75
0900-1-59-20-7X-14-11-0
 Standard stroke, Surface mount
 16mm wide carrier tape: 1,700 parts per 330mm reel.

0900-2 72 or 75
0900-2-57-20-7X-14-11-0
 Standard stroke, Surface mount
 24mm wide carrier tape: 1,100 parts per 330mm reel.

0900-3 72 or 75
0900-3-57-20-7X-14-11-0
 Standard stroke, Surface mount
 24mm wide carrier tape: 1,100 parts per 330mm reel.

0967 72 or 75
0967-0-58-20-7X-14-11-0
 Standard stroke, Horizontal surface mount
 16mm wide carrier tape: 2,800 parts per 330mm reel.

Material Specifications:

Sleeve & Plunger Material: Copper Alloy
 Spring Material: Beryllium Copper
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:

Durability: 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.

Environmental Specifications:

Operating temperature range: -55/+125°C

75, 76 Springs are NOT interchangeable
72, 75 Springs are interchangeable

Order Code: 09XX - X - 5X - 20 - 7X - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g

0921-0
0921-0-57-20-76-14-11-0
 Ultra low profile, Short stroke. Solder mount in 1,78 min. mounting hole
 24mm wide carrier tape: 1,700 parts per 330mm reel.

0921-1 72 or 75
0921-1-57-20-7X-14-11-0
 Low profile, Standard stroke. Solder mount in 1,78 min. mounting hole
 24mm wide carrier tape: 1,500 parts per 330mm reel.

0906-3 72 or 75
0906-3-57-20-7X-14-11-0
 Standard stroke, Solder mount in .020 min mounting hole
 24mm wide carrier tape: 600 parts per 330mm reel.

0906-4 72 or 75
0906-4-57-20-7X-14-11-0
 Standard stroke, Solder mount in .020 min mounting hole
 24mm wide carrier tape: 600 parts per 330mm reel.

0930 72 or 75
0930-0-57-20-7X-14-11-0
 Standard stroke, Solder mount in 0,51 min. mounting hole
 24mm wide carrier tape: 1,500 parts per 330mm reel.

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: BeCu or Stainless Steel 302 *
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
75,76 Springs are NOT interchangeable
72,75 Springs are interchangeable

Order Code: 09XX - X - 57 - 20 - XX - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g
*80	0,3	0,61	115 g	25 g

0977 72 or 75
0977-0-57-20-7X-14-11-0
 Standard stroke, Surface mount
 24mm wide carrier tape: 1,100 parts per 330mm reel.

0926-0
0926-0-57-20-76-14-11-0
 Low Profile, Short Stroke. Solder mount in 1,88 min. mounting hole:
 16mm wide carrier tape: 1,700 parts per 330mm reel.

0926-1 72 or 75
0926-1-57-20-7X-14-11-0
 Low profile, Standard stroke. Solder mount in 1,88 min. mounting hole
 24mm wide carrier tape: 1,450 parts per 330mm reel.

0965
0965-0-57-20-80-14-11-0
 Ultra low profile, Surface mount, * Stainless steel spring
 16mm wide carrier tape: 3,000 parts per 330mm reel.

0990-0
0990-0-57-20-76-14-11-0
 Short stroke, Surface mount, Large base
 16mm wide carrier tape: 2,150 parts per 330mm reel.

0990-4 72 or 75
0990-4-57-20-7X-14-11-0
 Standard stroke, Surface mount, Large base
 16mm wide carrier tape: 850 parts per 330mm reel.

Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: BeCu or Stainless Steel 302 *
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:
 Durability: Up to 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range:
 -55/+125° C (discontinuous)
75, 76, 80 Springs are NOT interchangeable
72, 75 Springs are interchangeable

Order Code: 09XX - X - 57 - 20 - **XX** - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g
*80	0,3	0,61	115 g	25 g

<p>0910-0 0910-0-57-20-76-14-11-0 Short stroke, Surface mount 16mm wide carrier tape: 2,000 parts per 330mm reel.</p>	<p>0910-1 ↙ 72 or 75 0910-1-57-20-7X-14-11-0 Standard stroke, Surface mount 16mm wide carrier tape: 1,500 parts per 330mm reel.</p>
<p>0910-2 ↙ 72 or 75 0910-2-57-20-7X-14-11-0 Standard stroke, Surface mount 24mm wide carrier tape: 1,100 parts per 330mm reel.</p>	<p>0910-3 ↙ 72 or 75 0910-3-57-20-7X-14-11-0 Standard stroke, Surface mount 24mm wide carrier tape: 1,100 parts per 330mm reel.</p>
<p>0910-4 ↙ 72 or 75 0910-4-57-20-7X-14-11-0 Standard stroke, Surface mount 24mm wide carrier tape: 1,100 parts per 330mm reel.</p>	

Material Specifications:

Sleeve & Plunger Material: Copper Alloy
 Spring Material: Beryllium Copper
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:

Durability: 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.

Environmental Specifications:

Operating temperature range: -55/+125°C

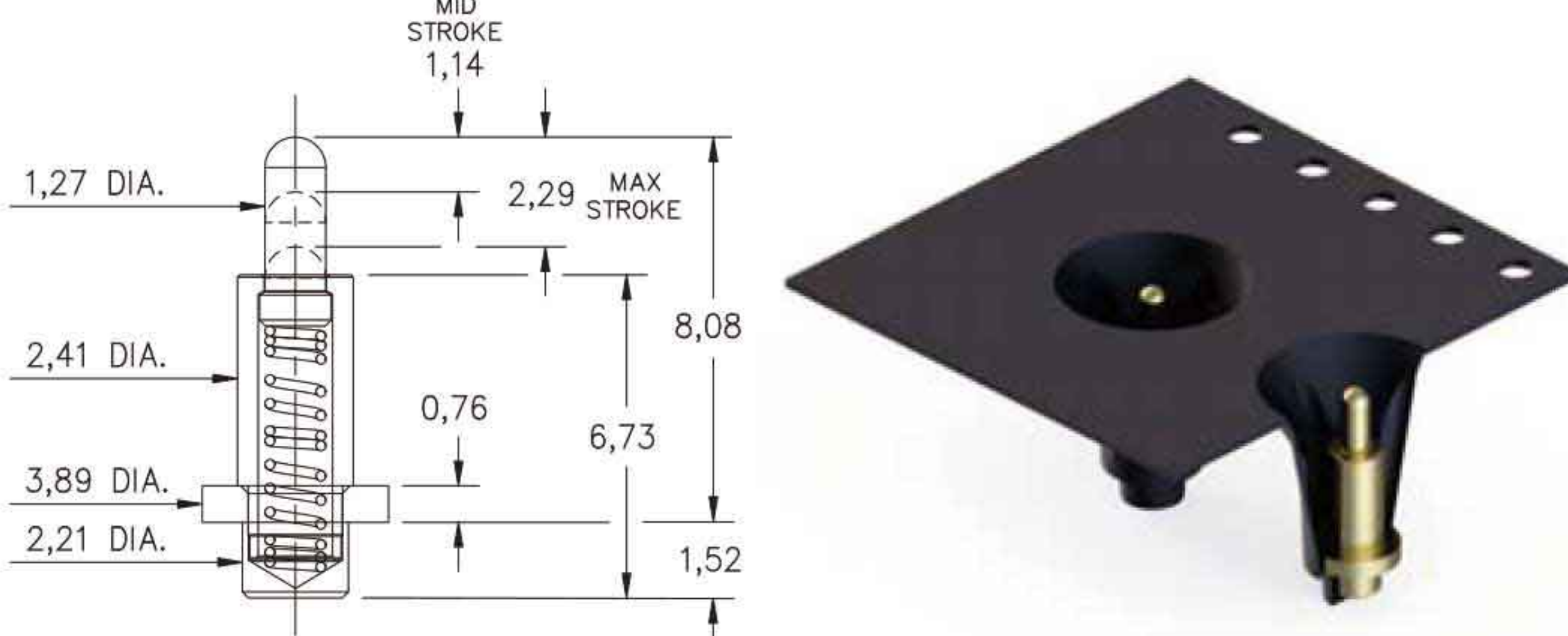
75, 76 Springs are NOT interchangeable
72, 75 Springs are interchangeable

Order Code: 09XX - X - 57 - 20 - 7X - 14 - 11 - 0

Spring Number ↖

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
72	0,7	1,4	35 g	15 g
75	0,7	1,4	60 g	25 g
76	0,5	0,99	60 g	25 g

0851
0851-0-57-20-82-14-11-0
 Solder Mount in 2,29 min. mounting hole or Surface Mount, 2,21 Ø minimum pad
 24mm wide carrier tape: 540 parts per 330mm reel.



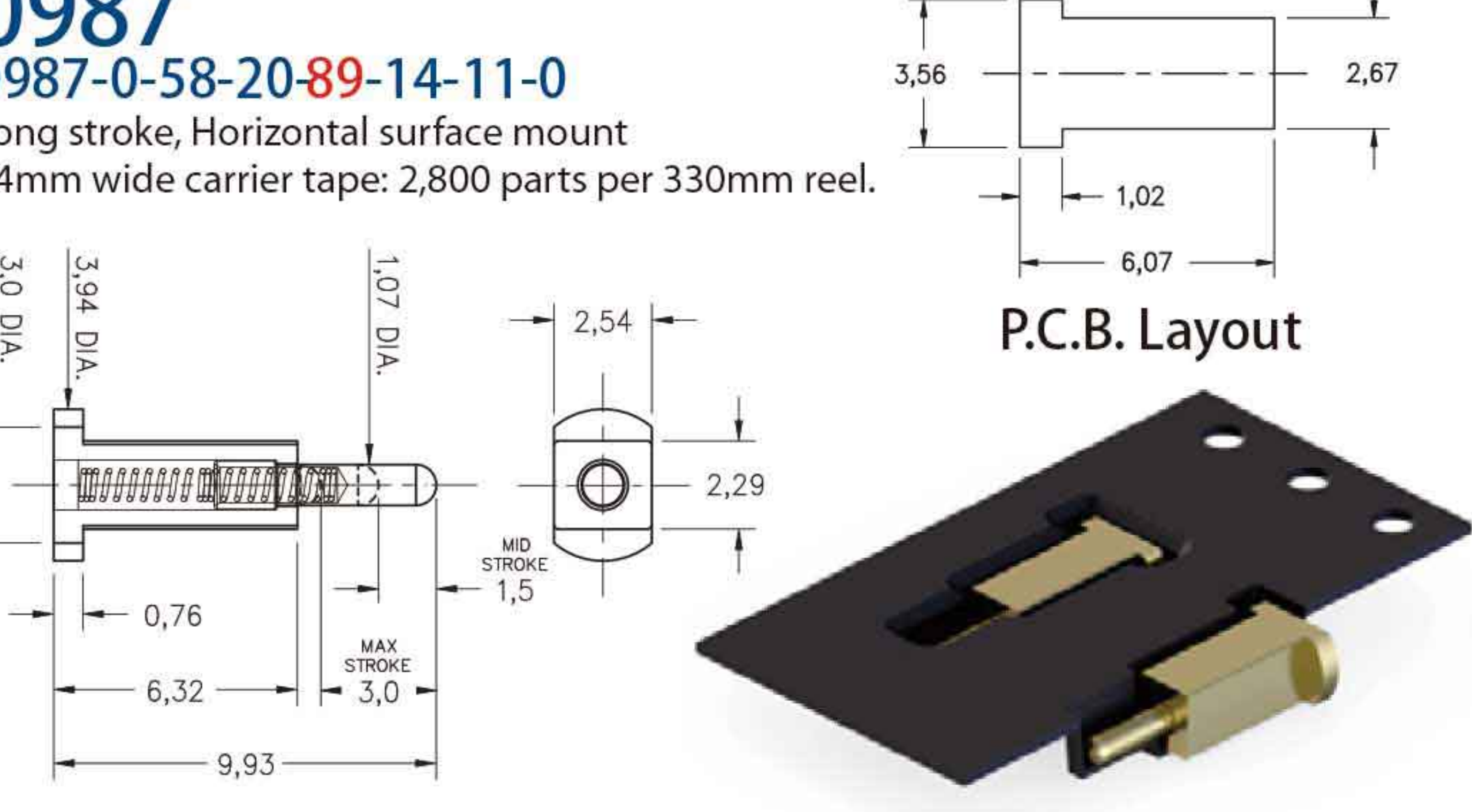
0850
0850-0-57-20-83-14-11-0
 Power spring pin, Solder Mount in 2,29 min. mounting hole
 32mm wide carrier tape: 500 parts per 330mm reel.



0871
0871-0-57-20-82-14-11-0
 Long stroke, Surface mount *Force @ Mid. Stroke 100g
 24mm wide carrier tape: 330 parts per 330mm reel.



0987
0987-0-58-20-89-14-11-0
 Long stroke, Horizontal surface mount
 24mm wide carrier tape: 2,800 parts per 330mm reel.



P.C.B. Layout

0853
0853-0-57-20-82-14-11-0
 Solder Mount in 2,29 min. mounting hole or Surface Mount, 2,21 Ø minimum pad
 24mm wide carrier tape: 500 parts per 330mm reel.



0852
0852-0-57-20-83-14-11-0
 Power spring pin, Solder Mount in 1,14 min. mounting hole
 44mm wide carrier tape: 425 parts per 330mm reel.



Material Specifications:
 Sleeve & Plunger Material: Copper Alloy
 Spring Material: Stainless Steel 302
 Sleeve & Plunger Finish: 0,5µm Gold over Nickel
 Spring Finish: 0,25µm Gold over Nickel
 Dimensions: Millimeters
 Tolerances On: Lengths: ± 0,15
 Diameters: ± 0,051
 Angles: ± 2°

Mechanical & Electrical Specifications:
 Durability: 1,000,000 cycles
 Current Rating: 2A continuous, 3A peak
 Contact Resistance: 20 mΩ max.
Environmental Specifications:
 Operating temperature range: -55/+125°C
82, 83, 89 Springs are not interchangeable

Order Code: 08XX - 0 - 5X - 20 - **8X** - 14 - 11 - 0

Spring Number ↑

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
82	1,14	2,29	120 g	25 g
83	1,14	2,29	120 g	25 g
89	1,5	3,0	85 g	25 g