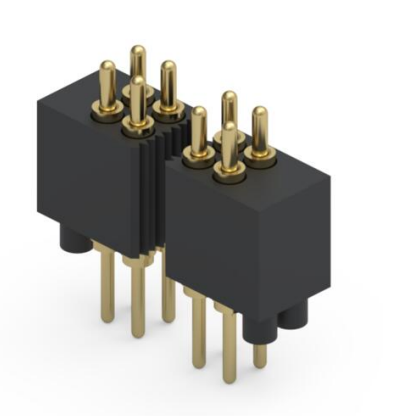
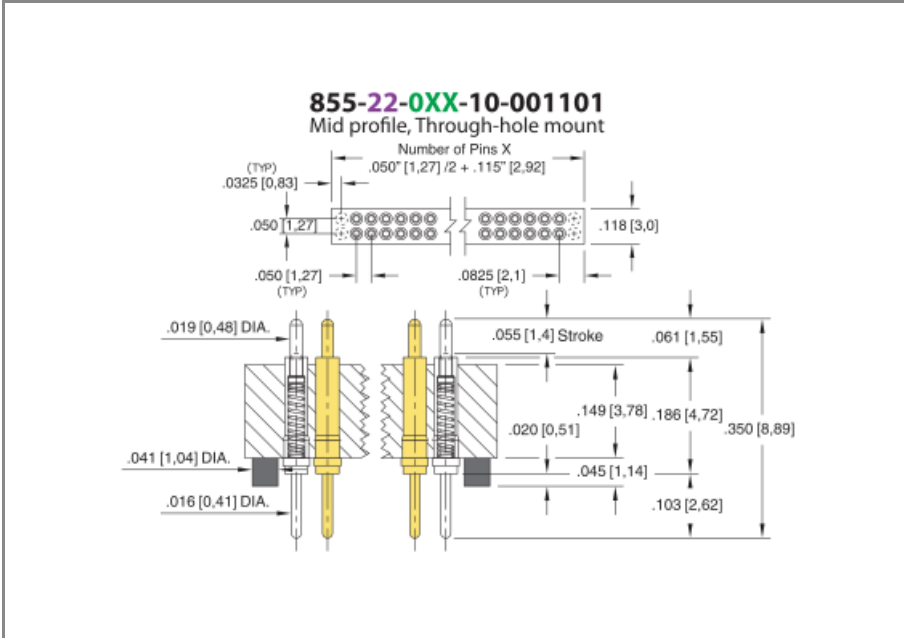




PRODUCT NUMBER: 855-22-020-10-001101

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DATA SHEET



General Information	
1 Product Lifecycle:	Active
Product Family:	Spring-Loaded Connector
Type:	Pogo Pin Header Strip
2 Description:	PCB Mount Spring-Loaded Header
Description2:	Vertical Mount Through-Hole
Pitch:	.050" (1,270mm)
Number of Pins:	20
Head Type:	Plunger
3 Operating Temperature Range:	-55/+125° C
Country of Origin:	USA
4 ROHS:	Yes

## 855-22-020-10-001101 - SPECIFICATIONS

Product Attributes	
Plating Code:	22 - Body/Plunger Plating: 20μ" Gold - Spring Plating: 10μ" Gold
Insulator Material:	Nylon 4/6
Rows:	Double Row
Frame Type:	N/A
5 Spring Number:	71 - Standard Force Beryllium Copper (Click For Graphs)
Plunger Type:	Round
Stroke:	.055" (1,397mm)
Mid Stroke:	0.0275

Key Dimensions	
Head Diameter:	.019" (0,483mm)
Initial Height:	.267" (6,782mm)

Electrical Specifications	
Contact Resistance:	30.00mΩ Max
Insulation Resistance:	10,000 MΩ min.
Rated Voltage:	100 VRMS/150 VDC
Dielectric Withstanding Voltage:	1,000 VRMS min.

Mechanical Specifications	
Mechanical life (Durability):	100,000 Cycles @ Mid-Stroke
6 Shock:	No Elect. Discontinuity > 1μs @ 50g
7 Vibration:	No Elect. Discontinuity > 1μs @ 10-2000HZ, 15 G

Mounting Specifications	
Mounting Type:	Through Hole Solder Mount
SMT Pad Size:	N/A

## Environmental & Export Classifications

Cage Code:	3N087
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Moisture Sensitivity Level (MSL):	1 (Unlimited)
Prop 65:	N
REACH Status:	REACH Unaffected
Special Handling Code:	UNDF
Static Sensitive:	N

## Packaging Information

8 Packaging:	Packaged in Box or Tube
Tape Width:	N/A

## NOTES:

1. Part is Active and in Production, No Scheduled Obsolescence

2. **Standard Tolerances**

Assembly tolerance: +/- .010" (.25mm)

Connector Length "L"

Connector Length "L"	Tolerance
$L \leq 2"$ ( $L \leq 50.8$ mm)	+/- .005" (+/- .127 mm)
$2 < L \leq 3"$ ( $50.8 < L \leq 76.2$ mm)	+ .007 / - .006" (+ .178 / - .152 mm)
$3 < L \leq 4"$ ( $76.2 < L \leq 101.6$ mm)	+ .009 / - .007" (+ .229 / - .178 mm)
$4 < L \leq 5"$ ( $101.6 < L \leq 127$ mm)	+ .011 / - .008" (+ .279 / - .203 mm)
$5 < L \leq 6.4"$ ( $127 < L \leq 162.56$ mm)	+ .013 / - .009" (+ .330 / - .229 mm)

Insulator width: +/- .005 (.13mm)

Insulator height: +/- .005 (.13mm)

Co-planarity of SMT connectors: .005" (.13mm) up to 1" (25.4mm) in connector length

Insulator Flatness: .005" (.13mm) up to 1" (25.4mm) in connector length

Pin Length: +/- .006 (.15mm)

Pin Diameter: +/- .002 (.051mm)

Pin Angle: +/- 2°

3. Per IEC 60512-11-(4,-9,-10,-12)

4. Mill-Max products labeled with the RoHS symbol are compliant with all three ROHS Directives. All of our products previously described as RoHS (2002/95/EC) and RoHS-2 (2011/65/EC) are also compliant with RoHS-3 (2015/863/EU).

5. Current ratings are based on the pin tested in free air; the performance may be moderated when used in a connector.

6. For discrete pin only. Per IEC 60512-6-3: Test 6c: Shock

7. For discrete pin only. Per IEC 60512-6-4: Test 6d: Vibration (sinusoidal)

8. Not all part numbers in the series may be packaged in tubes. Some specific part numbers may be packaged in a box.

