

Customer Information Sheet

DRAWING No.: P70-20X0045R

SHEET 2 OF 2

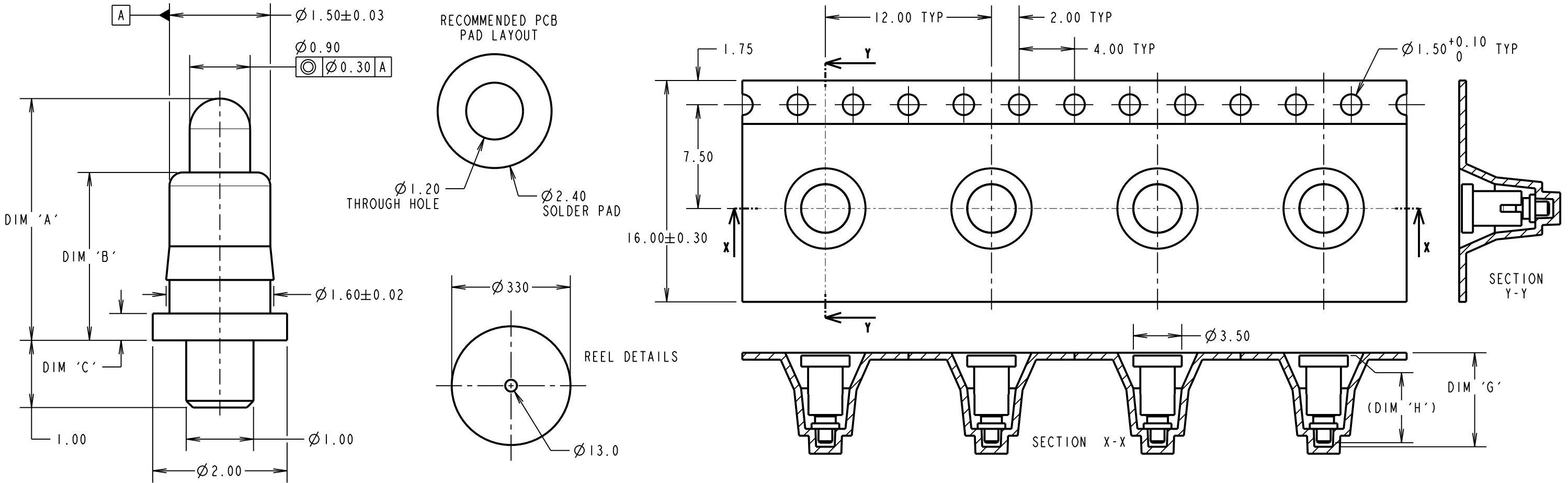
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:
MATERIAL:
BODY & PLUNGER = BRASS
SPRING = STAINLESS STEEL WIRE
PLATING:
BODY = 0.1 μ GOLD OVER 1.4 μ NICKEL
PLUNGER = 0.4 μ GOLD OVER 1.4 μ NICKEL
ELECTRICAL:
CONTACT RESISTANCE = 30m Ω MAX
CURRENT RATING = 2.0A
MECHANICAL:
FORCE AT NORMAL HEIGHT = SEE TABLE
DURABILITY = 10,000 CYCLES
ENVIRONMENTAL:
OPERATING TEMPERATURE = -40°C TO 85°C

- NOTES:**
- IF ASSEMBLING PIN INTO MOULDING:
RECOMMENDED HOLE SIZE = $\varnothing 1.56$ MIN.
RECOMMENDED MATERIAL = GLASS FILLED PA46.
 - ALL PRODUCTS ARE RoHS AND COMPLIANT.
 - PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).

MSP	3	24.01.17	20183
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'	DIM 'H'	PACK SIZE	MECHANICAL FORCE
P70-2000045X	3.60 ± 0.15	2.70	0.40	3.10	2.90	2.85	6.80	6.50	800	1.27N ± 0.34 N
P70-2010045X	5.00 ± 0.15	3.50	0.50	4.20	4.00	3.85	7.60	7.30	700	1.32N +0.39N/-0.29N

ORDER CODE:

P70-20X0045R

PART No.:
0, 1
SEE TABLE FOR SIZES.

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TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

SMT SPRING LOADED
POGO PIN WITH PEG,
IN TAPE AND REEL

DRAWING NUMBER:

P70-20X0045R

SHT
2
OF
2

Mouser Electronics

Authorized Distributor

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