

Customer Information Sheet

DRAWING No.: P70-5000045R

SHEET 2 OF 2

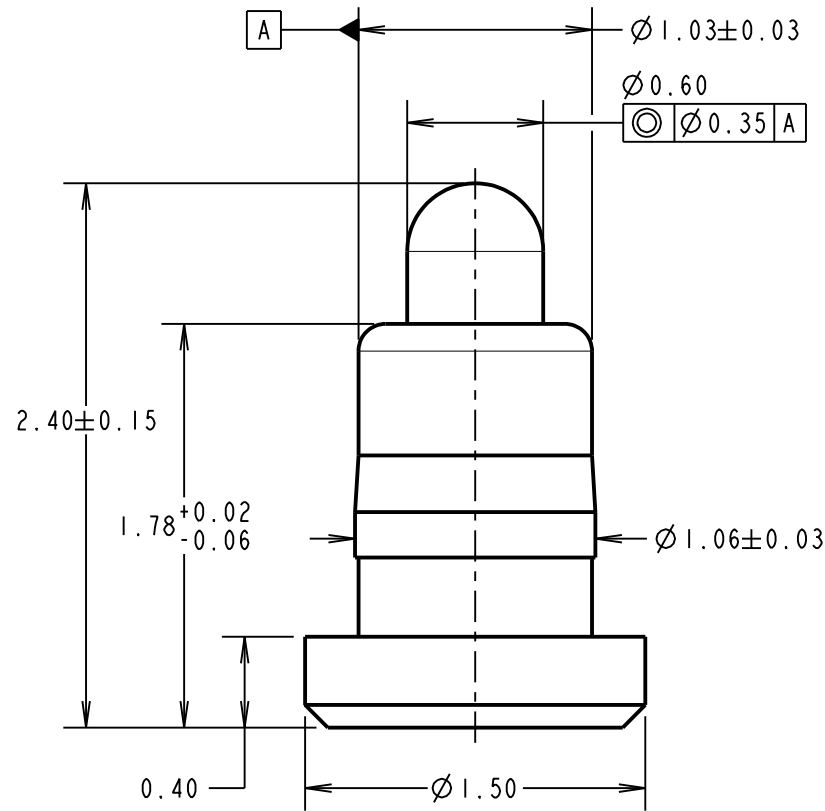
IF IN DOUBT - ASK

©

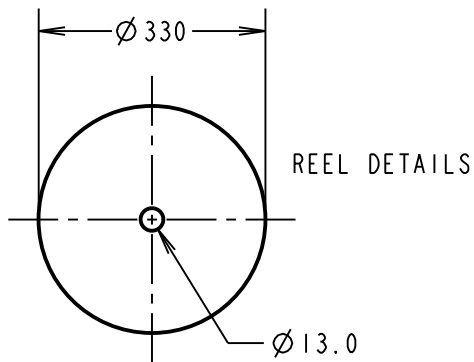
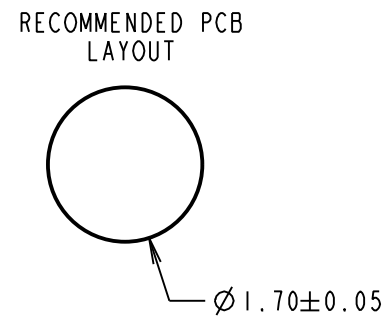
NOT TO SCALE

THIRD ANGLE PROJECTION

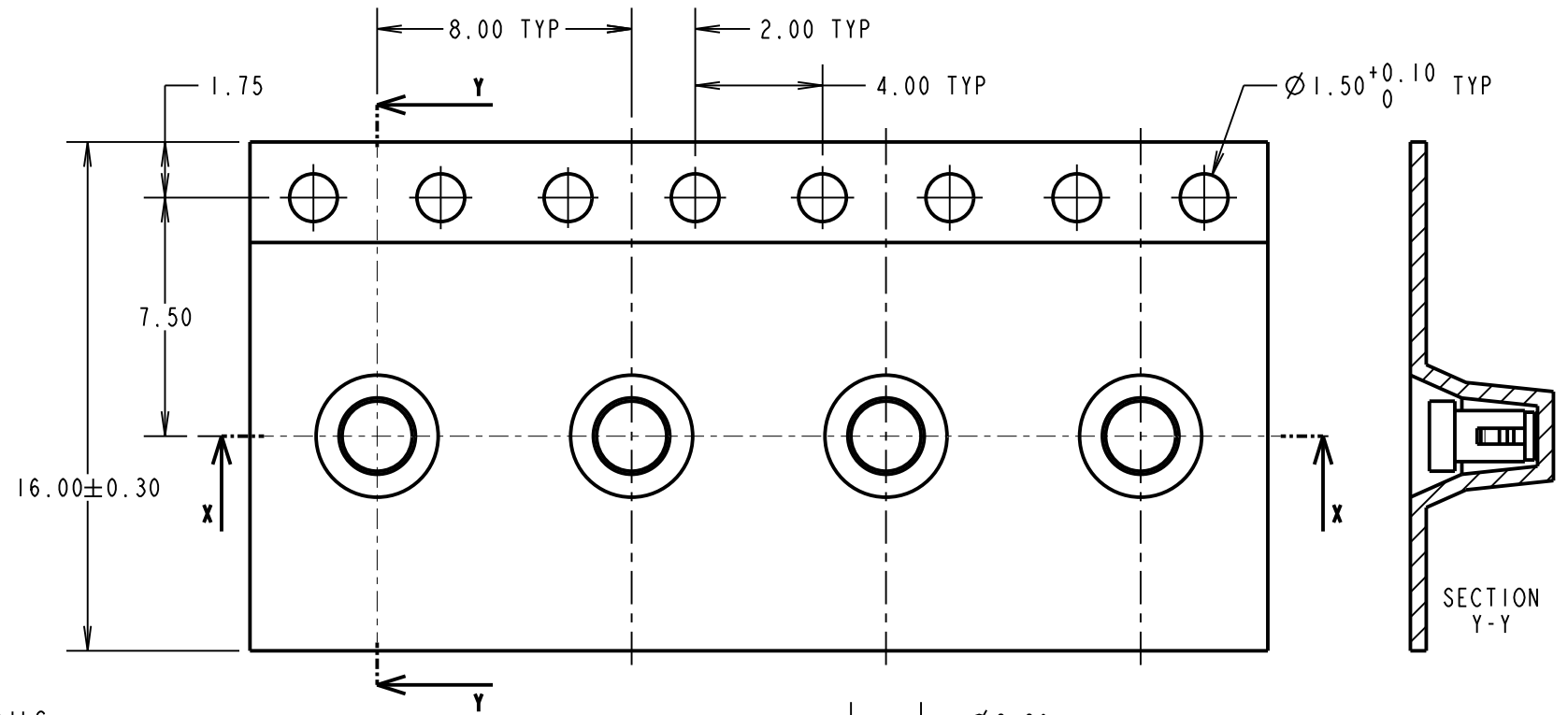
ALL DIMENSIONS IN mm



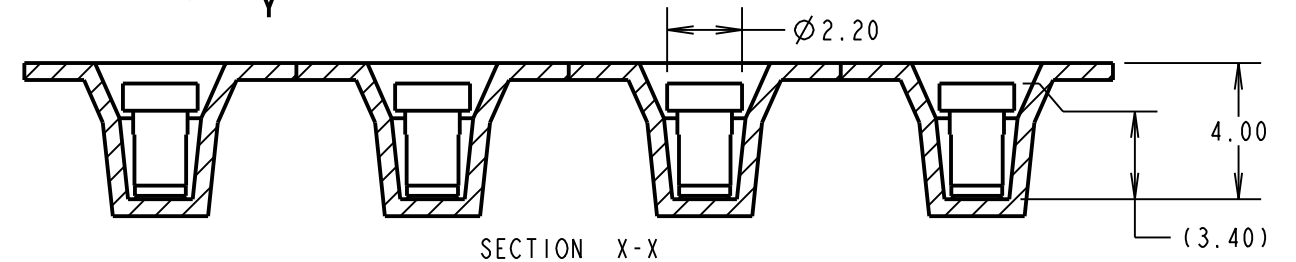
COMPONENT DETAILS



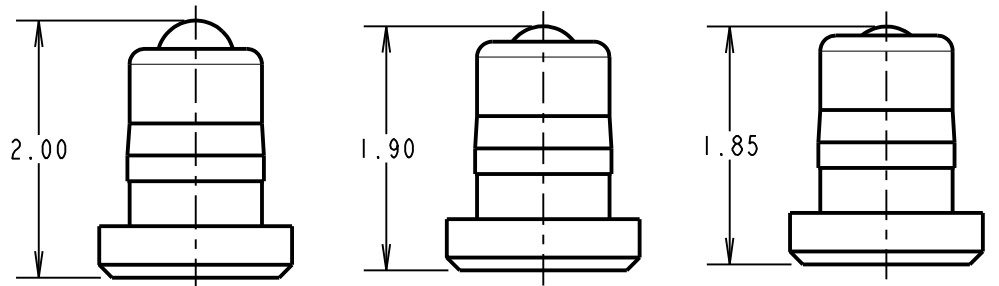
REEL DETAILS



SECTION Y-Y



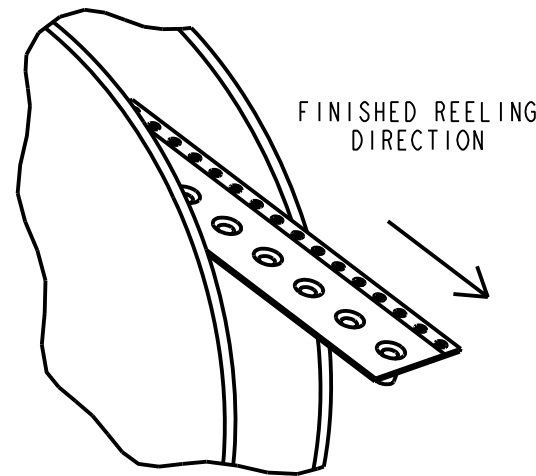
SECTION X-X



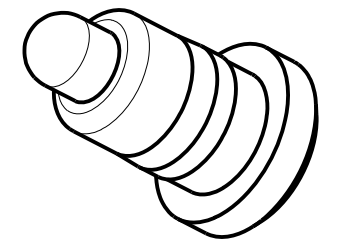
MAXIMUM WORKING HEIGHT

NORMAL WORKING HEIGHT

MINIMUM WORKING HEIGHT/MAX ALLOWED TRAVEL



FINISHED REELING DIRECTION



NOTES:

- IF ASSEMBLING PIN INTO MouldING:
RECOMMENDED HOLE SIZE = $\varnothing 1.00$ MIN.
RECOMMENDED MATERIAL = GLASS FILLED NYLON PA46.
- ALL PRODUCTS ARE RoHS AND REACH COMPLIANT.
- 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 = $0.1\mu\text{m}$ GOLD OVER $1.4\mu\text{m}$ NICKEL
PLUNGER = $0.4\mu\text{m}$ GOLD OVER $1.4\mu\text{m}$ NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $30\text{m}\Omega$ MAX
CURRENT RATING = 1.0A

MECHANICAL:

FORCE AT NORMAL HEIGHT = $0.68\text{N} \pm 0.19\text{N}$
DURABILITY = 10,000 CYCLES

ENVIRONMENTAL:

OPERATING TEMPERATURE = -40°C TO 85°C

PACKING:

QUANTITY: 2000 COMPONENTS PER REEL

RTP	3	02.07.21	30572
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		M.RUDKIN	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN
www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: SMT SPRING LOADED POGO PIN IN TAPE AND REEL
DRAWING NUMBER: P70-5000045R
SHT 2 OF 2