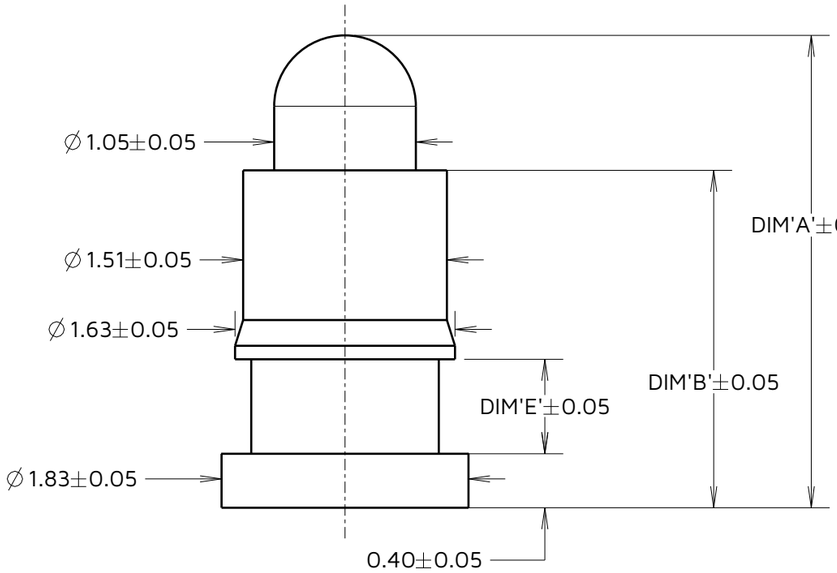
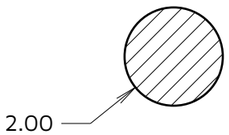
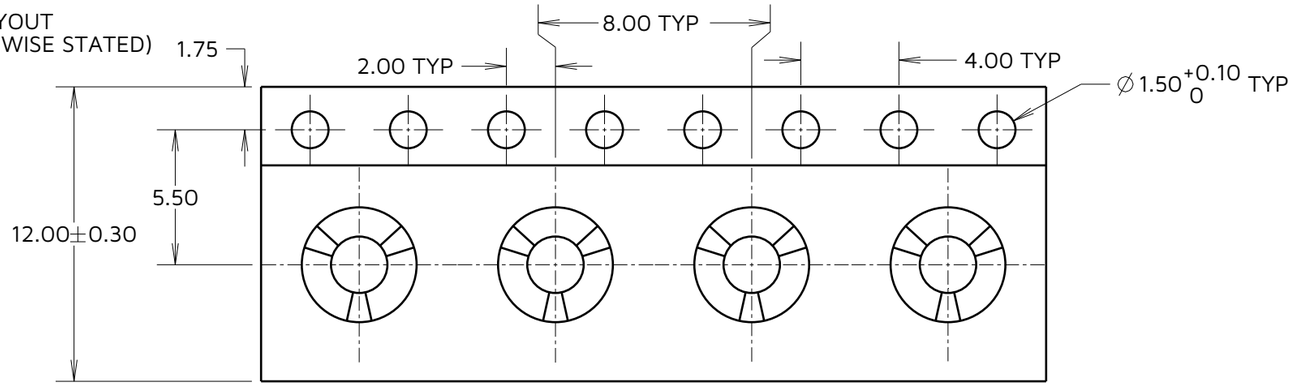
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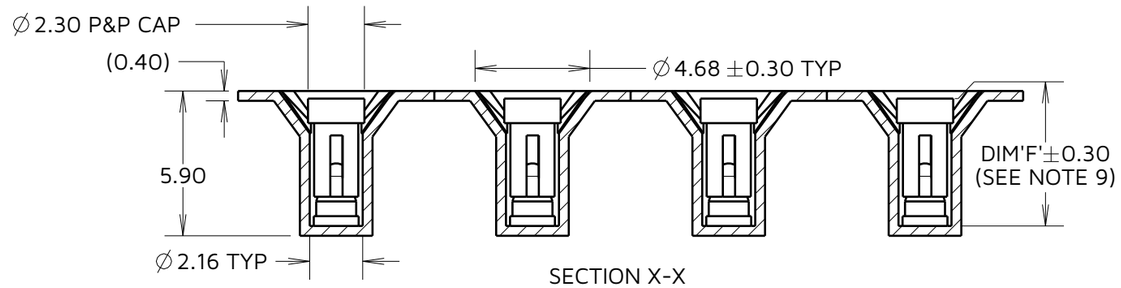
IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm



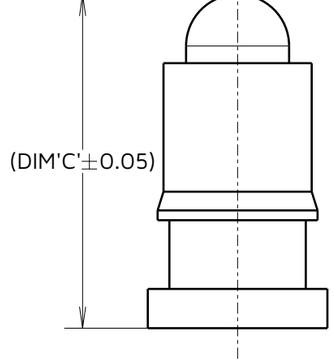
RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 (UNLESS OTHEWISE STATED)



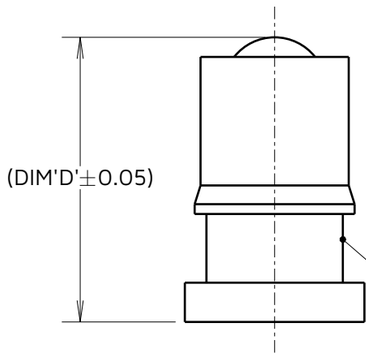




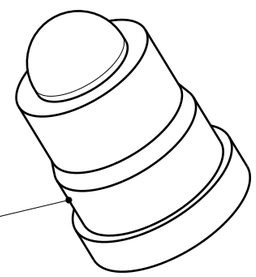
SECTION X-X



MAX WORKING HEIGHT
(MIN COMPRESSION)

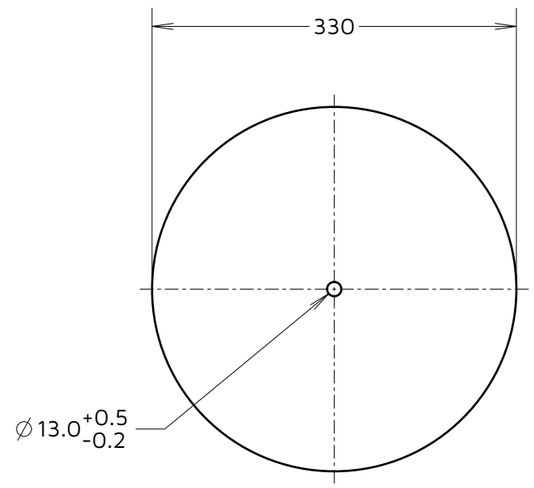


MIN COMPRESSION HEIGHT
(MAX COMPRESSION)

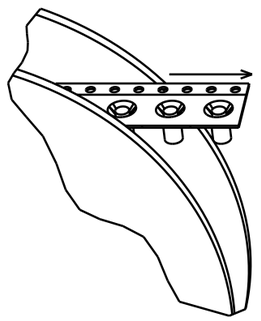


SEE NOTE 7

REEL DETAILS



FINISHED REELING
DIRECTION



NOTES:
1. MATERIAL
   BARREL & PLUNGER: COPPER ALLOY
   SPRING: STAINLESS STEEL
2. PLATING
   PLUNGER: GOLD OVER NICKEL
   BARREL : GOLD OVER NICKEL
3. TAPE MATERIAL: PET TRANSPARENT
4. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 STANDARDS.
5. FOR COMPLETE ELECTRICAL AND MECHANICAL SPECIFICATION SEE COMPONENT SPECIFICATION C056XX (LATEST ISSUE)
6. SEE TABLE 1 FOR COMPONENTS COMPATIBLE WITH TAPE POCKET SHOWN ABOVE.
7. NO BARB FEATURE PRESENT ON P70-250004R ONLY.
8. COMPONENT MAY DIFFER VISUALLY BETWEEN VARIANTS.
9. DIM'F' ILLUSTRATES THE TOTAL COMPONENT HEIGHT (PICK AND PLACE CAP INCLUDED).

TABLE 1: DIMENSIONS

HARWIN PART NO.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM'F'	QTY PER REEL
P70-2500045R	2.55	1.95	2.25	2.05	0.50	5.00	1500 PCS
P70-2510045R	3.50	2.50	3.00	2.60	0.70	5.30	
P70-2520045R	3.90	2.70	3.40	2.90			
P70-2530045R	4.50	2.70	3.80	3.10			

FC	1	23.04.24	33949
NAME	ISS.	DATE	CN/CO
APPROVED:	R.PORTLOCK		
CHECKED:	A.YEOMANS		
DRAWN:	F.CHRISPINE		
ASSEMBLY DRG:			

HARWIN
www.harwin.com

TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL:
SEE NOTE 1

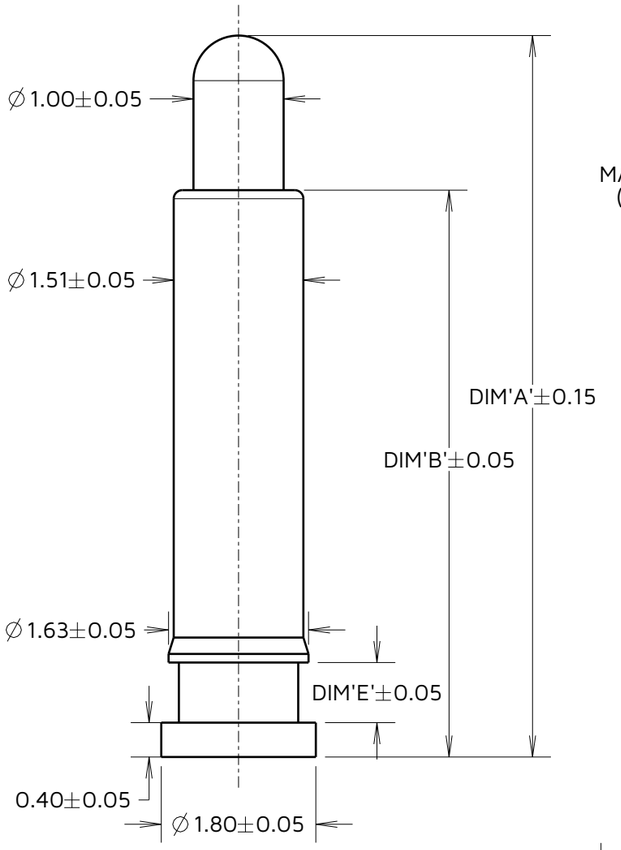
TITLE:
SURFACE MOUNT SPRING LOADED POGO PIN

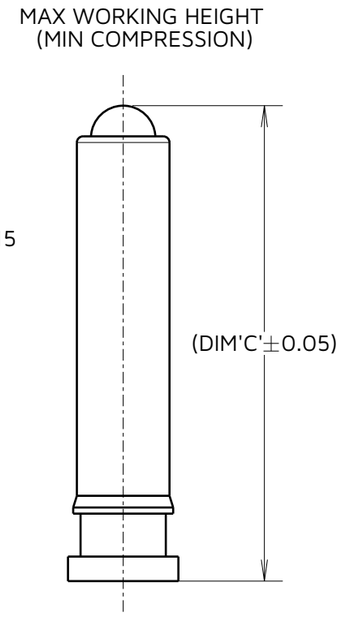
DRAWING NUMBER:
P70-25X0045R

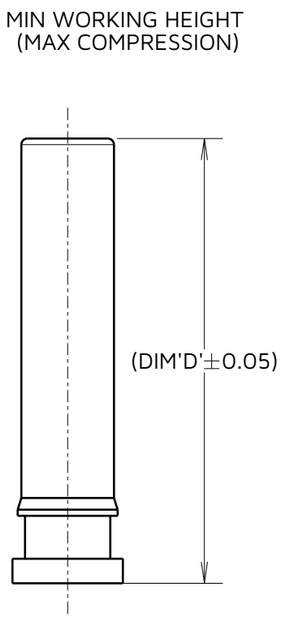
SHT 2 OF 4

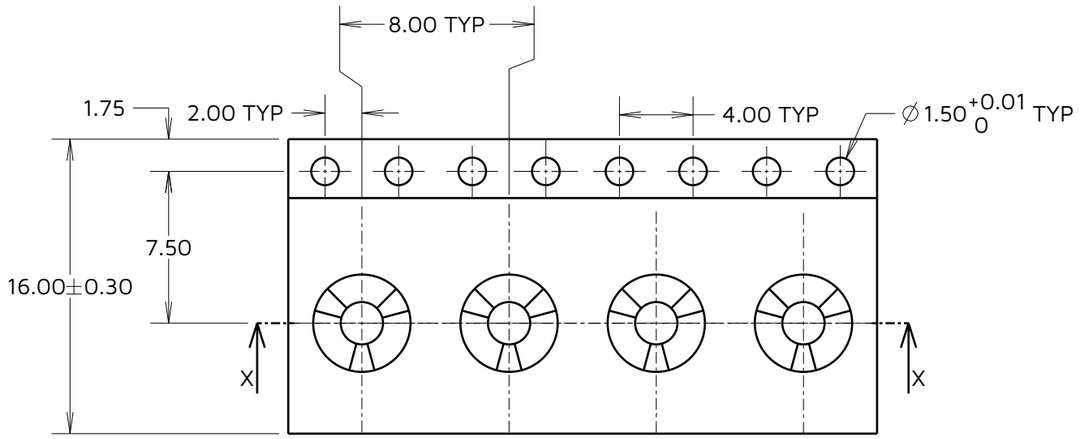
Customer Information Sheet

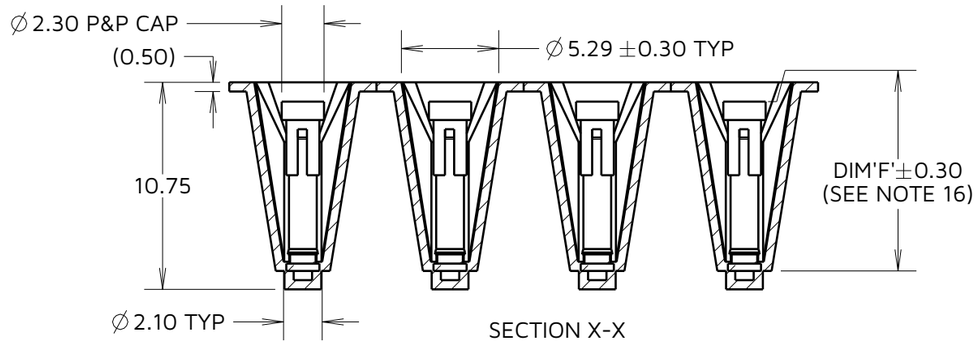
IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm





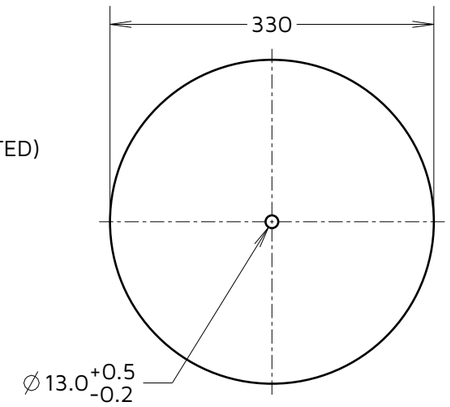




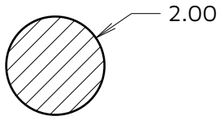


SECTION X-X

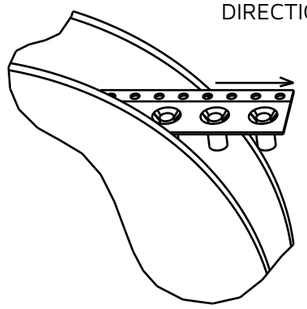
REEL DETAILS

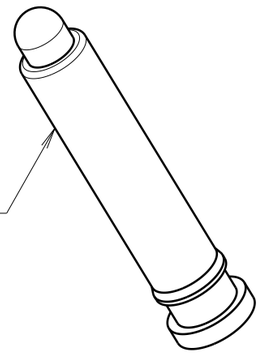


RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 (UNLESS OTHEWISE STATED)



FINISHED REEL
DIRECTION





P70-2560045R SHOWN FOR
ILLUSTRATIVE PURPOSES ONLY.
SEE TABLE FOR PART NUMBER.

NOTES:
10. MATERIAL
BARREL & PLUNGER: COPPER ALLOY
SPRING: STAINLESS STEEL
11. PLATING
PLUNGER: GOLD OVER NICKEL
BARREL : GOLD OVER NICKEL
12. TAPE MATERIAL: PET TRANSPARENT
13. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 STANDARDS.
14. SEE TABLE 2 FOR COMPONENTS COMPATIBLE WITH TAPE POCKET SHOWN ABOVE.
15. DIM'F' ILLUSTRATES THE TOTAL COMPONENT HEIGHT (PICK AND PLACE CAP INCLUDED).

TABLE 2: DIMENSIONS

HARWIN PART NO.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	QTY PER REEL
P70-2540045R	8.25	7.25	7.75	7.25	0.50	9.50	800 PCS
P70-2560045R	8.40	6.60	7.00	7.00	0.70	8.85	
P70-2570045R	8.25	7.25	7.75	7.25		9.50	

FC	1	23.04.24	33949
NAME	ISS.	DATE	CN/CO
APPROVED:	R.PORTLOCK		
CHECKED:	A.YEOMANS		
DRAWN:	F.CHRISPINE		
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL:
SEE NOTE 11

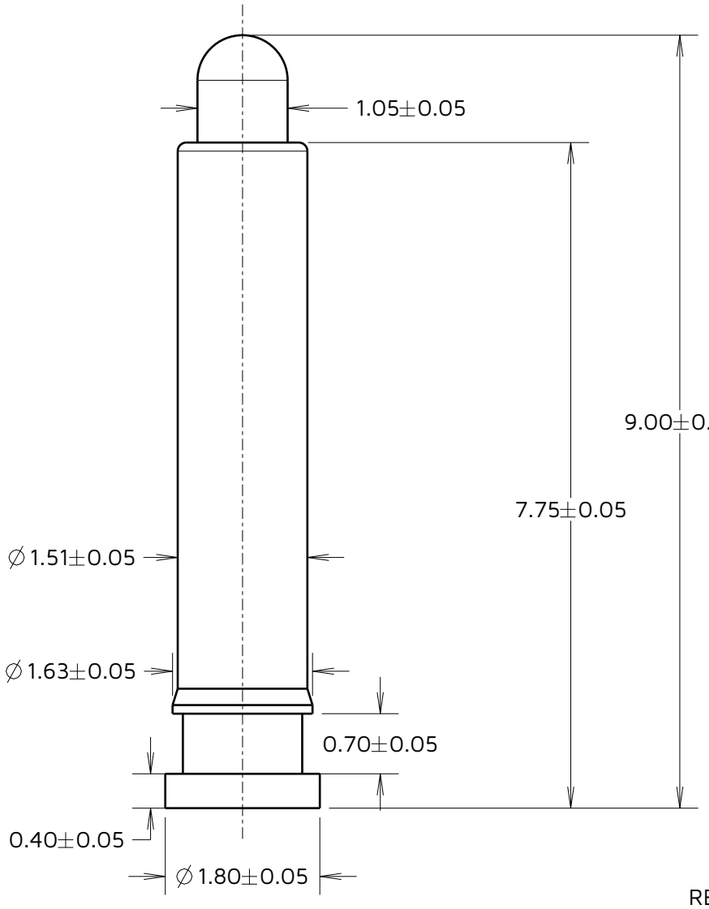
TITLE:
SURFACE MOUNT SPRING LOADED POGO PIN

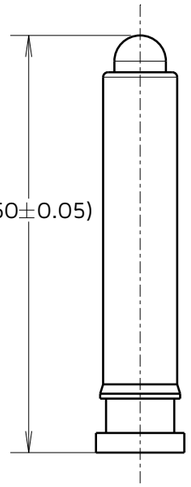
DRAWING NUMBER:
P70-25X0045R

SHT 3 OF 4

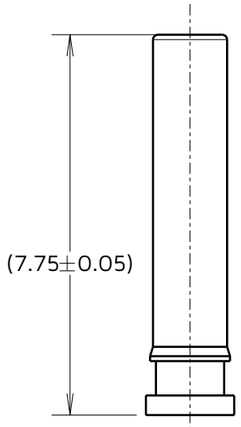
Customer Information Sheet

IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

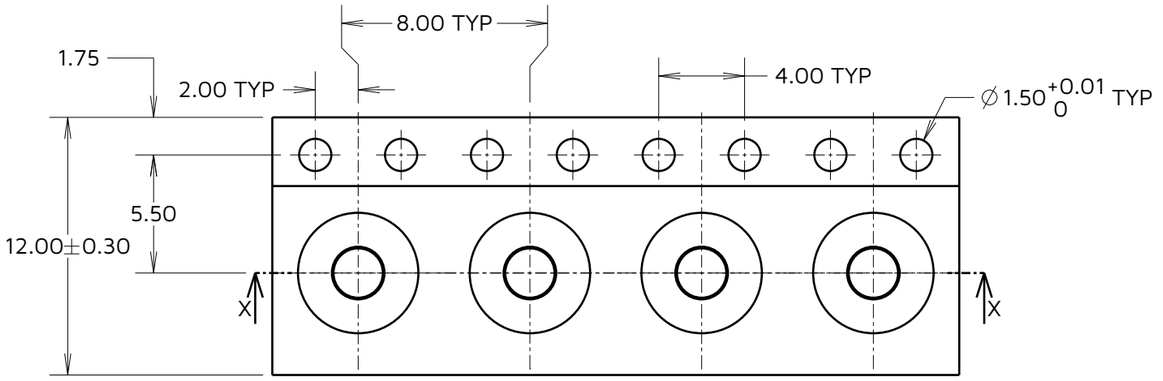


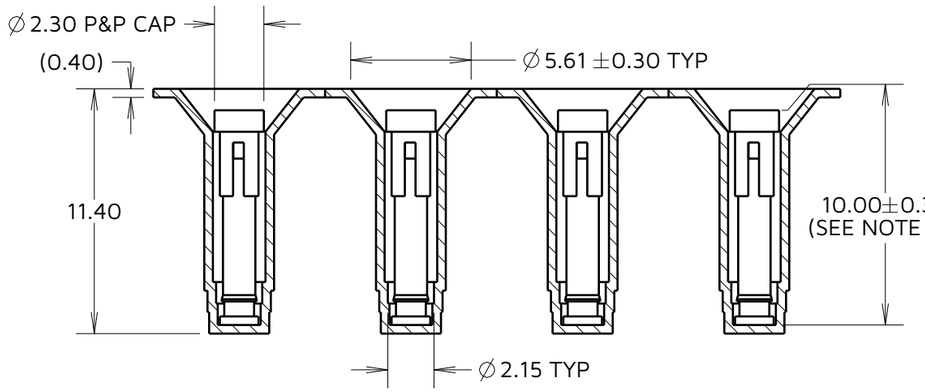


MAX WORKING HEIGHT
(MIN COMPRESSION)



MIN WORKING HEIGHT
(MAX COMPRESSION)

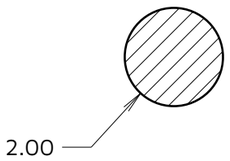


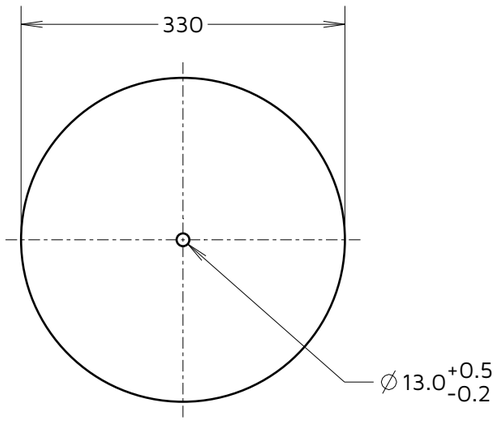


SECTION X-X

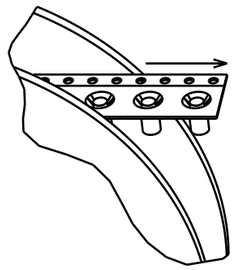
REEL DETAILS

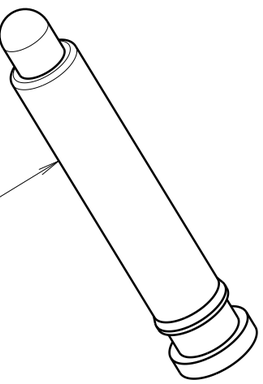
RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 (UNLESS OTHEWISE STATED)





FINISHED REEL
DIRECTION





P70-2550045R SHOWN FOR
ILLUSTRATIVE PURPOSES ONLY.

NOTES:
16. MATERIAL
    BARREL & PLUNGER: COPPER ALLOY
    SPRING: STAINLESS STEEL
17. PLATING
    PLUNGER: GOLD OVER NICKEL
    BARREL : GOLD OVER NICKEL
18. TAPE MATERIAL: PET TRANSPARENT
19. THIS PRODUCT IS TAPED AND REELED IN ACCORDANCE WITH EIA-481 STANDARDS.
20. TAPE POCKET SHOWN ABOVE USED FOR COMPONENT P70-2550045 ONLY.
21. QUANTITY OF COMPONENTS PER REEL, 800PCS.
22. DIM'F' ILLUSTRATES THE TOTAL COMPONENT HEIGHT (PICK AND PLACE CAP INCLUDED).

FC	1	23.04.24	33949
NAME	ISS.	DATE	CN/CO
APPROVED:	R.PORTLOCK		
CHECKED:	A.YEOMANS		
DRAWN:	F.CHRISPINE		
ASSEMBLY DRG:			

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL:
SEE NOTE 17

TITLE:
SURFACE MOUNT SPRING LOADED POGO PIN

DRAWING NUMBER:
P70-25X0045R

SHT 4 OF 4