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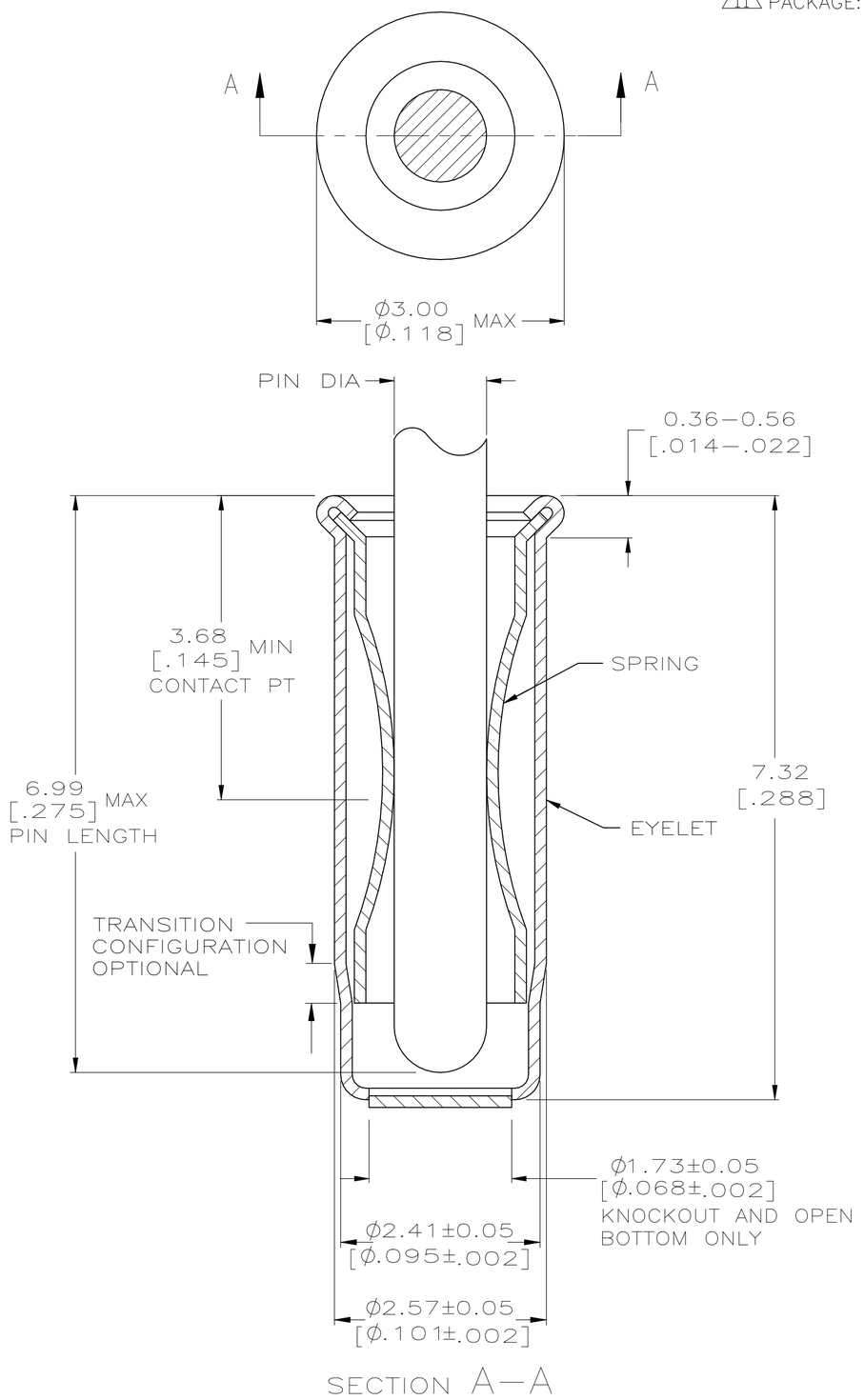
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AE8	REVISED AS PER ECR-23-175536	17MAY2023	JK	WH

△11 PACKAGE: TAPE AND REEL.



SECTION A–A

△1 TIN PER MIL–T–10727 OR TIN LEAD .0.00254 [.000100] MIN THK.

△2 GOLD PER MIL–G–45204, TYPE II, 0.00076 [.000030] MIN THK OVER NICKEL PER QQ–N–290 0.00028 [.000011] MIN THK ON CONTACT AREA.

△3 GOLD FLASH PER MIL–G–45204, TYPE II, 0.13μm [.000005] MIN THK. OVER NICKEL PLATE PER QQ–N–290 0.51μm–1.52μm [.000020–.000060] EXT THK.

4. RECOMMENDED HOLE SIZE, PLATED OR UNPLATED:
MACHINE INSERTION: 2.56±0.08 [.101±.003]
HAND INSERTION: $2.62^{+0.10}_{-0.00}$ $\left[.103^{+.004}_{-.000}\right]$

5. APPLICATION TOOL PART NUMBER:
MACHINE NO. 682127–6
INSERTION HEAD NO. 682039–5

△6 TO INSURE PROPER SPRING TENSION DO NOT EXCEED A 0.05 [.002] DIFFERENCE IN PIN DIA WHEN CHANGING TO A SMALLER PIN.

7. BOTTOM PLUG KNOCKOUT TOOL PART NUMBER 69729 WITH TIP PART NUMBER 69728–3.

△8 TIN PER ASTM B 545, 0.00254[.000100] MIN THK.

△9 MATERIAL: SPRING: BERYLLIUM COPPER, QQ–C–533.
EYELET: COPPER, QQ–C–576.

△10 PACKAGE: MAYLAR STRIP.

BOTTOM TYPE	RECOMMENDED PIN DIA △6	FINISH: EYELET	FINISH: SPRING	PART NO
CLOSED	1.27–1.45 [.050–.057]	GOLD △3	GOLD △2	3–50871–2
CLOSED	1.27–1.45 [.050–.057]	GOLD △3	GOLD △2	7–50871–3
CLOSED	1.07–1.24 [.042–.049]	TIN △8	TIN △8	6–50871–8
CLOSED	1.07–1.24 [.042–.049]	TIN △8	TIN △1	3–50871–0
SUPSD BY 1–50871–4	1.27–1.45 [.050–.057]		GOLD △2	2–50871–8
SUPSD BY 50871–5	1.07–1.24 [.042–.049]			2–50871–7
OBSOLETE			TIN △1	2–50871–6
KNOCKOUT				2–50871–5
OBSOLETE OPEN				2–50871–4
OBSOLETE CLOSED	1.42–1.65 [.056–.065]		GOLD △2	2–50871–3
		GOLD △3		2–50871–2
OBSOLETE KNOCKOUT		TIN △1		2–50871–1
OPEN		TIN △1		1–50871–9
		GOLD △3		1–50871–8
OBSOLETE		TIN △1	TIN △1	1–50871–7
OBSOLETE CLOSED	1.27–1.45 [.050–.057]			1–50871–4
		GOLD △3	GOLD △2	1–50871–3
OPEN				1–50871–0
CLOSED		TIN △1	TIN △1	50871–8
OPEN				50871–6
OBSOLETE CLOSED				50871–5
	1.07–1.24 [.042–.049]	GOLD △3		50871–4
KNOCKOUT			GOLD △2	50871–3
		TIN △1		50871–1
OBSOLETE OPEN		GOLD △3		50871

50871

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.20 [.008]
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL △9
FINISH

DWN R. TALLEY 20SEP05
CHK R. MILLER 8–22–91
APVD – –
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT 0.000000
CUSTOMER DRAWING

TE Connectivity

NAME
MINIATURE SPRING SOCKET ASSEMBLY
SERIES 5
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C–50871	–

SCALE	SHEET	REV
20:1	1 OF 1	AE8