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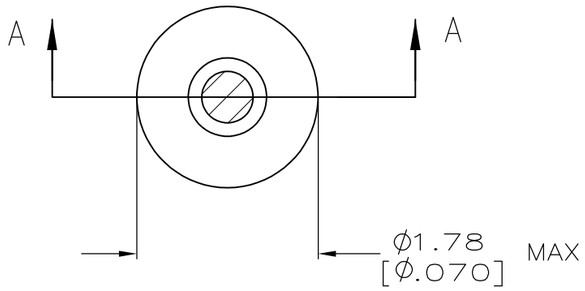
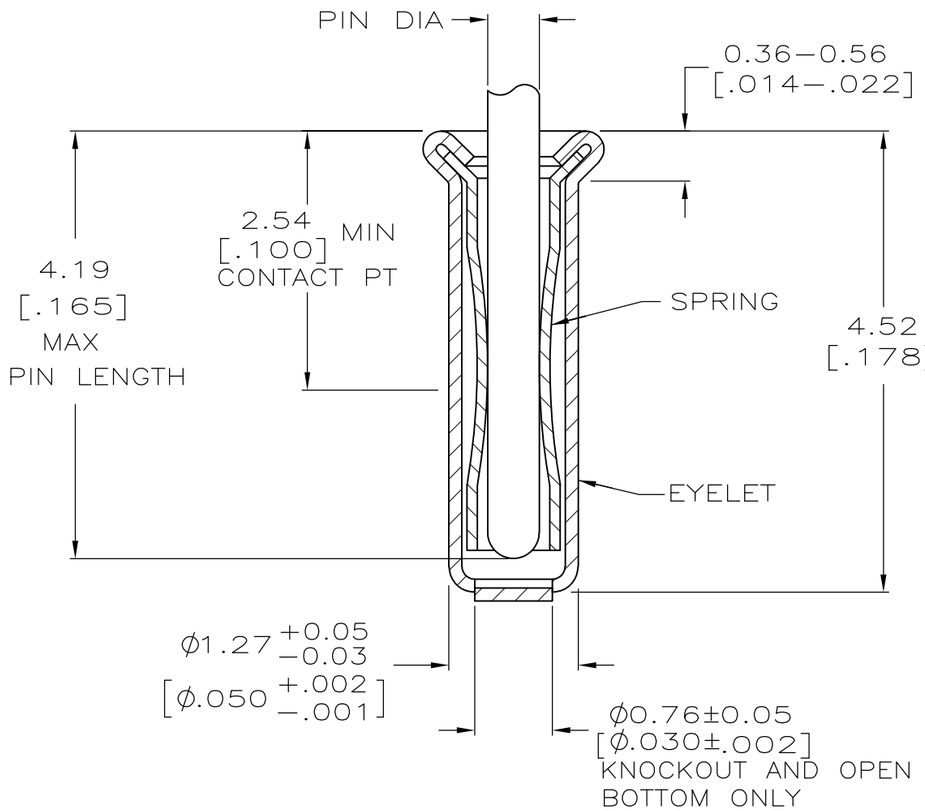
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	AG2	REVISED PER ECO-11-004835	11MAR11	RK	HMR





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. GOLD PER MIL-G-45204, TYPE II, 0.00127 [.000050] MIN THK.
5. GOLD PER MIL-G-45204, TYPE II, 0.00127 [.000050] MIN THK OVER NICKEL PER QQ-N-290 0.00127 [.000050] MIN THK ON CONTACT AREA.
6. RECOMMENDED HOLE SIZE, PLATED OR UNPLATED:
   MACHINE INSERTION: $1.32^{+0.08}_{-0.05}$ $\left[.052^{+.003}_{-.002}\right]$
   HAND INSERTION: $1.32^{+0.10}_{-0.00}$ $\left[.052^{+.004}_{-.000}\right]$
7. APPLICATION TOOL PART NUMBER:
   MACHINE NO. 682127-3
   INSERTION HEAD NO. 682039-2
8. TO INSURE PROPER SPRING TENSION DO NOT EXCEED A 0.10 [.004] DIFFERENCE IN PIN DIA WHEN CHANGING TO A SMALLER PIN.
9. BOTTOM PLUG KNOCKOUT TOOL PART NUMBER 69729 WITH TIP PART NUMBER 69728.
10. TIN PER ASTM B545, 0.00254 [.000100] MIN THK.
11. MATERIAL: SPRING: BERYLLIUM COPPER QQ-C-533
    EYELET: COPPER, QQ-C-576

	BOTTOM TYPE	RECOMMENDED PIN DIA 8	FINISH: EYELET	FINISH: SPRING	PART NO
	CLOSED	0.36-0.66 [.014-.026]	TIN 10	TIN 10	6-50462-7
	OPEN		GOLD 4	GOLD 5	1-50462-5
SUPSD BY 50462-8					1-50462-4
OBSOLETE	CLOSED		TIN 1	GOLD 2	50462-8
				TIN 1	50462-7
			GOLD 3	GOLD 2	50462-6
OBSOLETE	KNOCKOUT		TIN 1		50462-5
OBSOLETE				TIN 1	50462-4
OBSOLETE	OPEN			GOLD 2	50462-2
OBSOLETE			GOLD 3		50462

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 11

FINISH -

DWN R. TALLEY 4-5-91
CHK -
APVD -
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME: MINIATURE SPRING SOCKET ASSEMBLY, SERIES 2

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-50462	-

CUSTOMER DRAWING | SCALE 20:1 | SHEET 1 OF 1 | REV AG2