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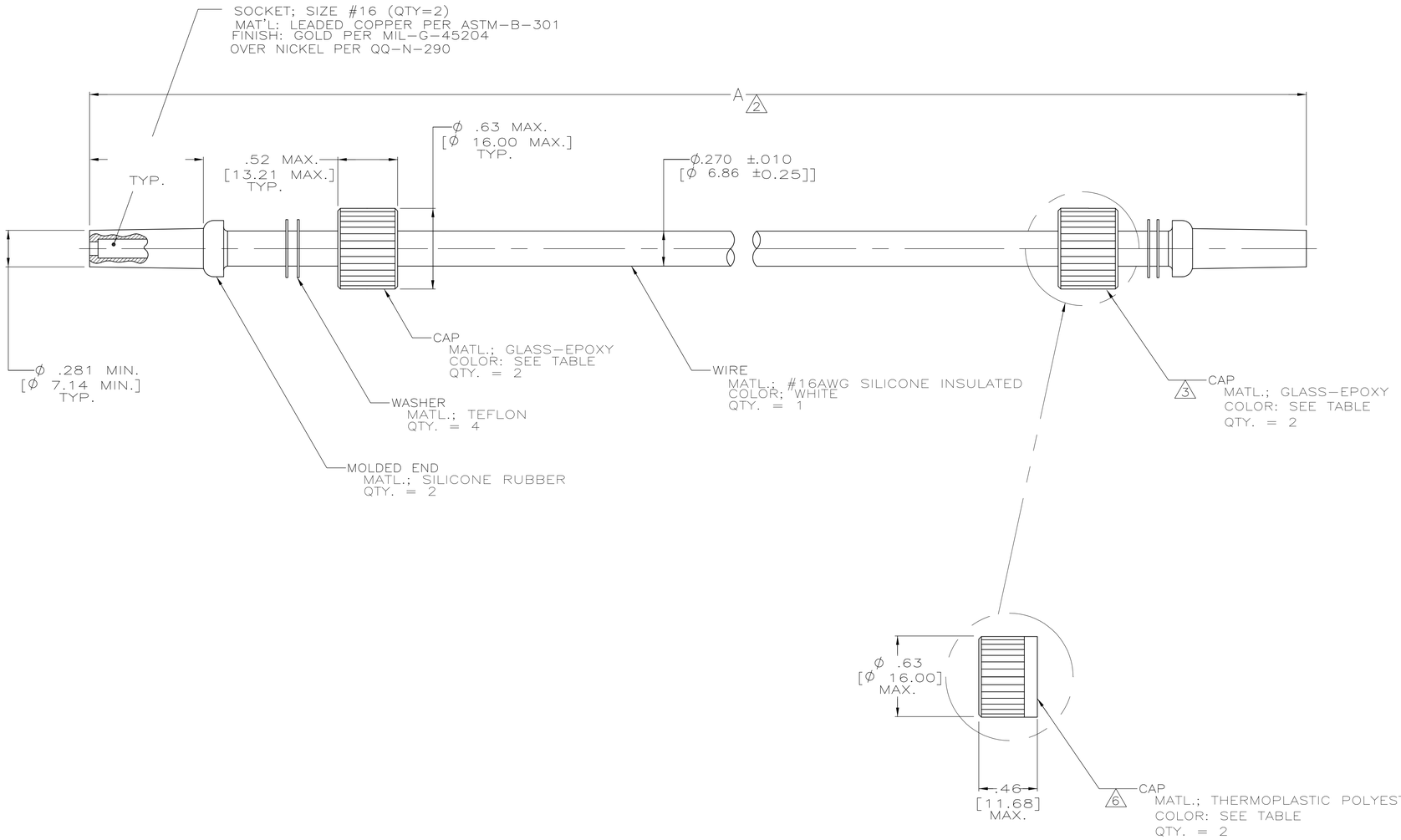
LOC	DIST
—	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L	REV PER ECO 12-002988	13MAR12	PY	DE

PART NO	A (2)	CAP INFO	
863702-1	8.00 [203.2]	RED (3)	OBSOLETE
863702-2	6.00 [152.4]	RED (3)	OBSOLETE
863702-3	5.00 [127.0]	RED (3)	OBSOLETE
863702-4	9.00 [228.6]	RED (3)	OBSOLETE
863702-5	60.00 [1524.0]	RED	OBSOLETE
863702-6	33.50 [850.9]	RED	OBSOLETE
863702-7	34.50 [876.3]	RED	OBSOLETE
863702-8	35.50 [901.7]	RED	OBSOLETE
863702-9	81.00 [2057.4]	RED	OBSOLETE
1-863702-0	73.00 [1854.2]	RED	OBSOLETE
1-863702-1	89.00 [2260.6]	RED	OBSOLETE
1-863702-2	18.00 [457.2]	RED	
1-863702-3	12.00 [304.8]	RED	–
1-863702-4	6.25 [158.7]	RED (3)	OBSOLETE
1-863702-5	120.00 [3048.0]	RED	OBSOLETE
1-863702-6	24.00 [609.6]	RED	OBSOLETE
1-863702-7	36.00 [914.4]	RED	–
1-863702-8	42.00 [1066.8]	RED	OBSOLETE
1-863702-9	96.00 [2438.4]	RED	OBSOLETE
2-863702-0	72.00 [1828.8]	RED	OBSOLETE
2-863702-1	48.00 [1219.2]	RED	–
2-863702-2	84.00 [2133.6]	RED	OBSOLETE
2-863702-3	240.00 [6096.0]	RED	OBSOLETE
2-863702-4	30.00 [762.0]	RED	OBSOLETE
2-863702-5	15.00 [381.0]	RED	
2-863702-6	180.00 [4576.0]	RED	OBSOLETE
2-863702-7	144.00 [3657.6]	RED	OBSOLETE
2-863702-8	21.00 [533.4]	RED	OBSOLETE
2-863702-9	216.00 [5486.4]	RED	OBSOLETE
3-863702-0	160.00 [4064.0]	RED	OBSOLETE
3-863702-1	22.00 [558.8]	RED	OBSOLETE
3-863702-2	31.00 [787.4]	RED	OBSOLETE
3-863702-3	20.00 [508.0]	RED	
3-863702-4	54.00 [1371.6]	RED	OBSOLETE
3-863702-5	13.00 [330.2]	RED	–
3-863702-6	98.50 [2501.9]	RED	–
3-863702-7	10.00 [254.0]	GREEN (3)	–



1. MARK PER MIL-STD-130
2. (2) TOLERANCE: UP TO 24"[609.6]= ±.12"[±3.0], 24"[609.6] & UP = ±1%
3. (3) USED WITH LEADS HAVING "A" DIMENSION LESS THAN OR EQUAL TO 10.00[254.0].
4. OPERATING CONDITIONS: 20KVDC, SEA LEVEL TO +70,000 FEET, -55° C TO +125° C
5. TO MATE WITH AMP LGH-1 RECEPTACLE WITH .88 [22.3] BARREL DEPTH.
6. (6) USED ON LEADS HAVING "A" DIMENSION GREATER THAN 10 INCHES.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005 [0.13]
4 PLC ± –
ANGLES ± –

MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS

DWN W.LEUFERT 10-6-89
CHK G.SCHAEFFER 3-1-90
APVD G.SCHAEFFER 3-1-90
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: ELECTRICAL LEAD, DOUBLE MOLDED END, LGH-1 (#16) –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-863702	—

CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 1 | REV L

4805 (3/11)

Mouser Electronics

Authorized Distributor

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TE Connectivity:

3-863702-7