



1. INSULATOR MATERIAL - THERMOPLASTIC POLYESTER, PCT, BLACK, UL94 V-0.
2. MACHINED CONTACT - BECU, PLATED WITH 80-200 μ IN THK, TIN (LEAD FREE) OVER 75-100 μ IN THK COPPER.
3. SLEEVE - COPPER, PLATED WITH 180-340 μ IN THK TIN (LEAD FREE) OVER 75-100 μ IN THK NICKEL.
4. MACHINED CONTACT - BECU, PLATED WITH 25 μ IN MIN. GOLD OVER 30-100 NICKEL.
5. ELECTRICAL:
 CONTACT RESISTANCE: 10 MILLIOHMS MAX
 CONTACT RATING: 3 AMPS
 CAPACITANCE: 1.0 pF PER MIL-STD-202, METHOD 305
 INSULATION RESISTANCE: 5000 MΩ MIN @ 500 VDC PER EIA-364-21
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER EIA-364-20
6. MECHANICAL:
 AFTER INSERTION FORCE: 134 GRAMS AVG
 AFTER WITHDRAWAL FORCE: 63 GRAMS AVG
 ACCEPTS IC PIN-.009"x.015" THROUGH .011"x.020", OR .016" TO .021" DIAMETER, .150/.105 LONG
7. ENVIRONMENTAL:
 OPERATING TEMPERATURE: -55°C TO -105°C

FINISH	FIG	F	E	D	C	B	"A" MAX	NO. OF POSN	PART NO.		
3	4	4	2	.150	-.500	.900	1.100	1.200	24	3-1571550-3	
3	4	2	2	.150	.500	.900	1.500	1.900	40	3-1571550-2	
3	4	2	2	.150	.500	.900	1.500	1.700	1.800	36	3-1571550-1
3	4	2	2	.150	.500	.900	-.900	1.500	1.600	32	3-1571550-0
3	4	2	2	.150	.500	.900	-.900	1.300	1.400	28	2-1571550-9
3	4	2	2	.150	.500	.900	-.900	1.100	1.200	24	2-1571550-8
3	4	4	2	.175	-.900	-.900	.800	1.000	1.150	22	2-1571550-7
3	4	1	2	.250	-.900	-.900	.500	.900	1.000	20	2-1571550-6
3	4	1	2	.150	-.900	-.900	.600	.800	.900	18	2-1571550-5
3	4	1	2	.150	-.900	-.900	.500	.300	.800	16	2-1571550-4
3	4	1	2	.150	-.900	-.900	.400	.600	.700	14	2-1571550-3
3	4	3	2	.200	-.900	-.900	-.300	.400	.400	8	2-1571550-2
3	4	3	2	-.900	-.900	-.900	-.200	.300	.300	6	2-1571550-1
2	3	4	2	.150	-.900	-.900	.900	1.100	1.200	24	1-1571550-3
2	3	2	2	.150	.500	.900	1.500	1.900	2.000	40	1-1571550-2
2	3	2	2	.150	.500	.900	1.500	1.700	1.800	36	1-1571550-1
2	3	2	2	.150	.500	.900	-.900	1.500	1.600	32	1-1571550-0
2	3	2	2	.150	.500	.900	-.900	1.300	1.400	28	1571550-9
2	3	2	2	.150	.500	.900	-.900	1.100	1.200	24	1571550-8
2	3	4	2	.175	-.900	-.900	.800	1.000	1.150	22	1571550-7
2	3	1	2	.250	-.900	-.900	.500	.900	1.000	20	1571550-6
2	3	1	2	.150	-.900	-.900	.600	.800	.900	18	1571550-5
2	3	1	2	.150	-.900	-.900	.500	.300	.800	16	1571550-4
2	3	1	2	.150	-.900	-.900	.400	.600	.700	14	1571550-3
2	3	3	2	.200	-.900	-.900	-.300	.400	.400	8	1571550-2
2	3	3	2	-.900	-.900	-.900	-.200	.300	.300	6	1571550-1

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DIMENSIONS: INCHES. TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC	± .005
1. PLC	± .005
2. PLC	± .005
3. PLC	± .005
4. PLC	± .005
ANGLES	± .005

MATERIAL: FINISH:

THIS DRAWING IS A CONTROLLED DOCUMENT. T.KRAYBILL 080CT03. CHK: K.WRIGHT. NAME: K.WRIGHT. PRODUCT SPEC: CLOSED FRAME DIP, PREMIUM LEAD FREE (REF AUGAT 500 SERIES) PREMIUM (MACHINED CONTACT). APPLICATION SPEC: SIZE: A1. CASE CODE: 00779. DRAWING NO: 1571550. WEIGHT: RESTRICTED TO: CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 OF 1. REV: B2.

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