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LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	REVISED PER ECR-12-001856	30JAN12	W.W	C.W

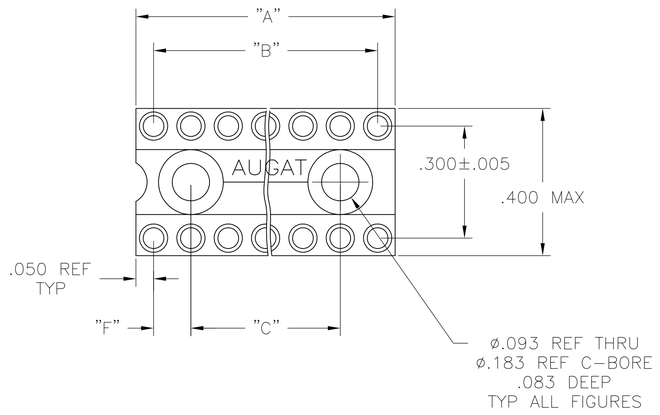


FIG. 1

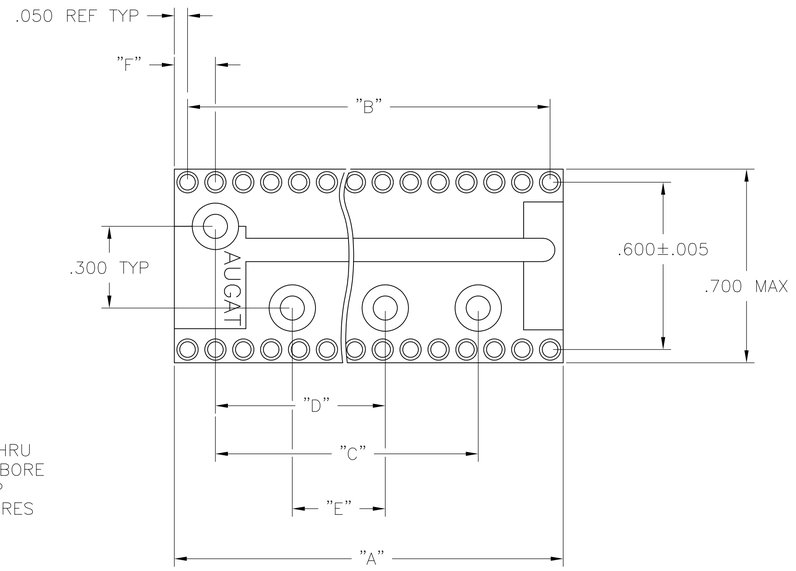


FIG. 2

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

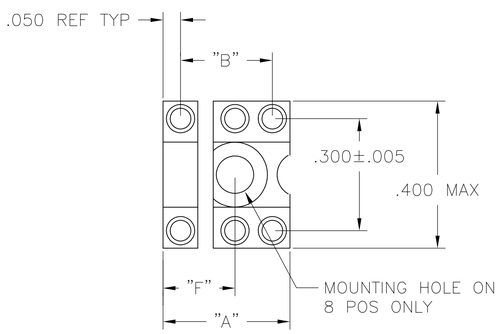


FIG. 3

6 POS MOUNTING HOLE OMITTED

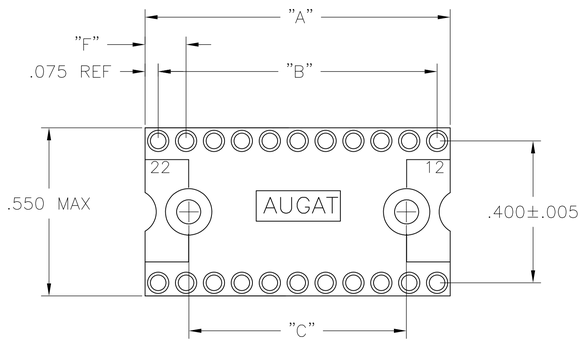
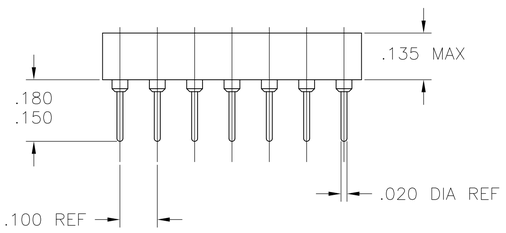
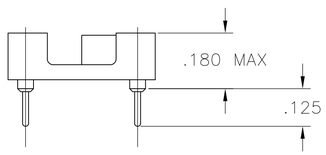
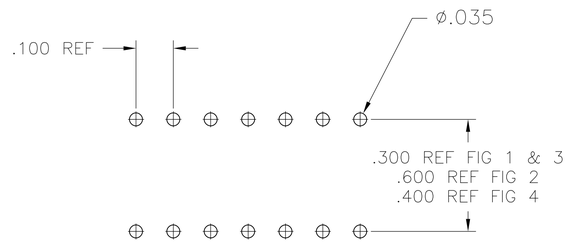


FIG. 4

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







P.C.B. HOLE LAYOUT

TOLERANCE ±.003

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

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

MATERIAL –
FINISH –

DWN	T.KRAYBILL	08OCT03
CHK	K.WRIGHT	–
APVD	K.WRIGHT	–
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

NAME: CLOSED FRAME DIP, PREMIUM LEAD FREE (REF AUGAT 500 SERIES) PREMIUM (MACHINED CONTACT)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1571550	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV B2