

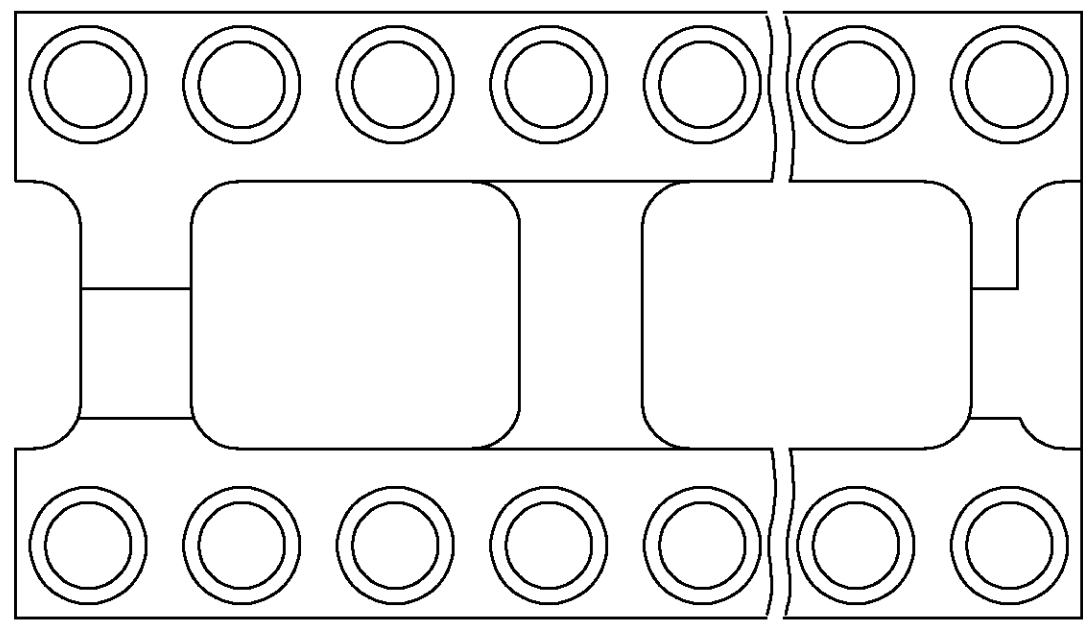


FIG. 1

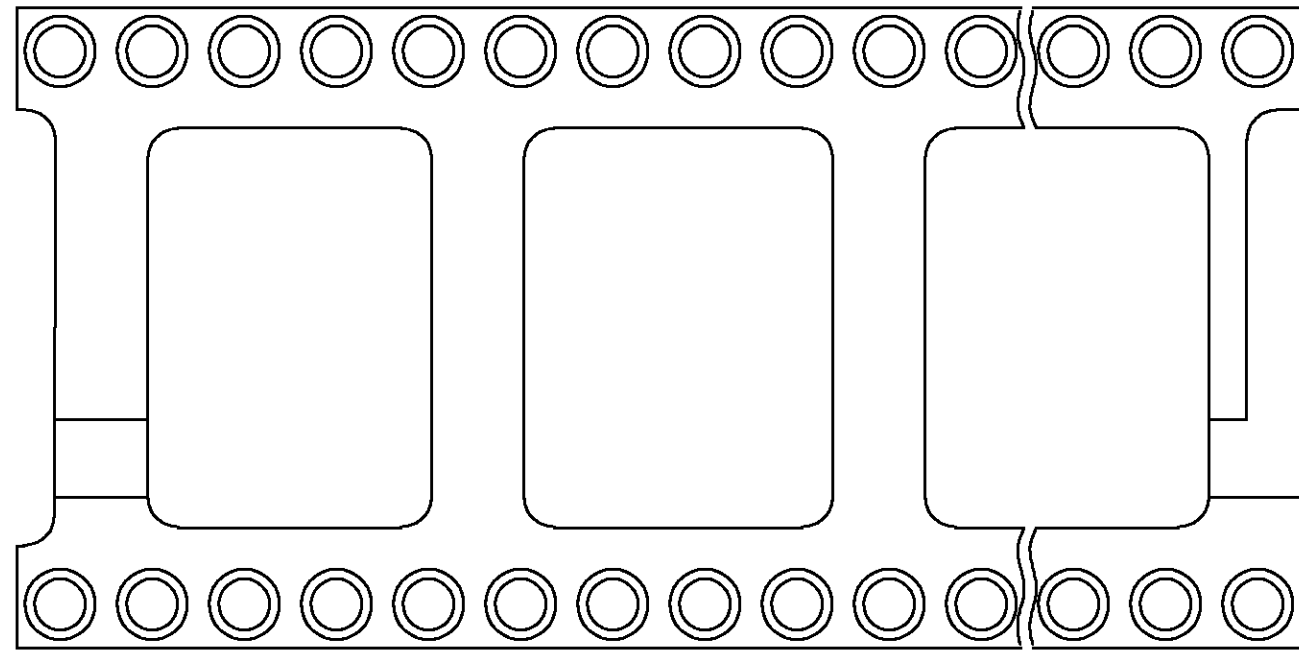


FIG. 2

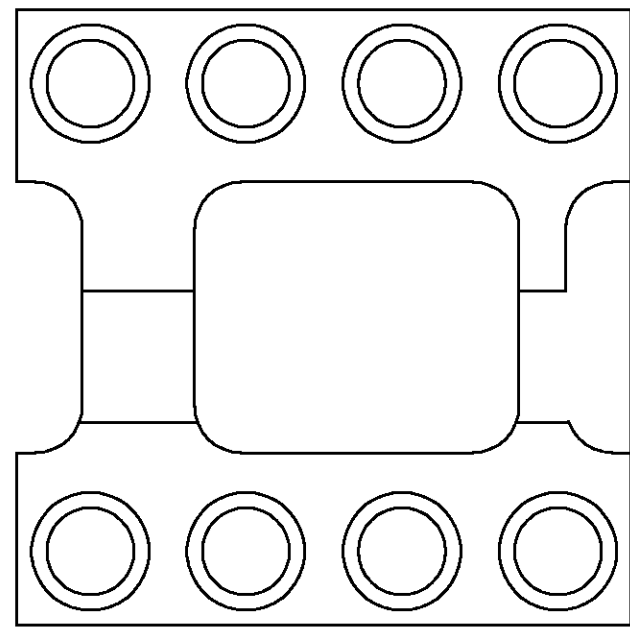
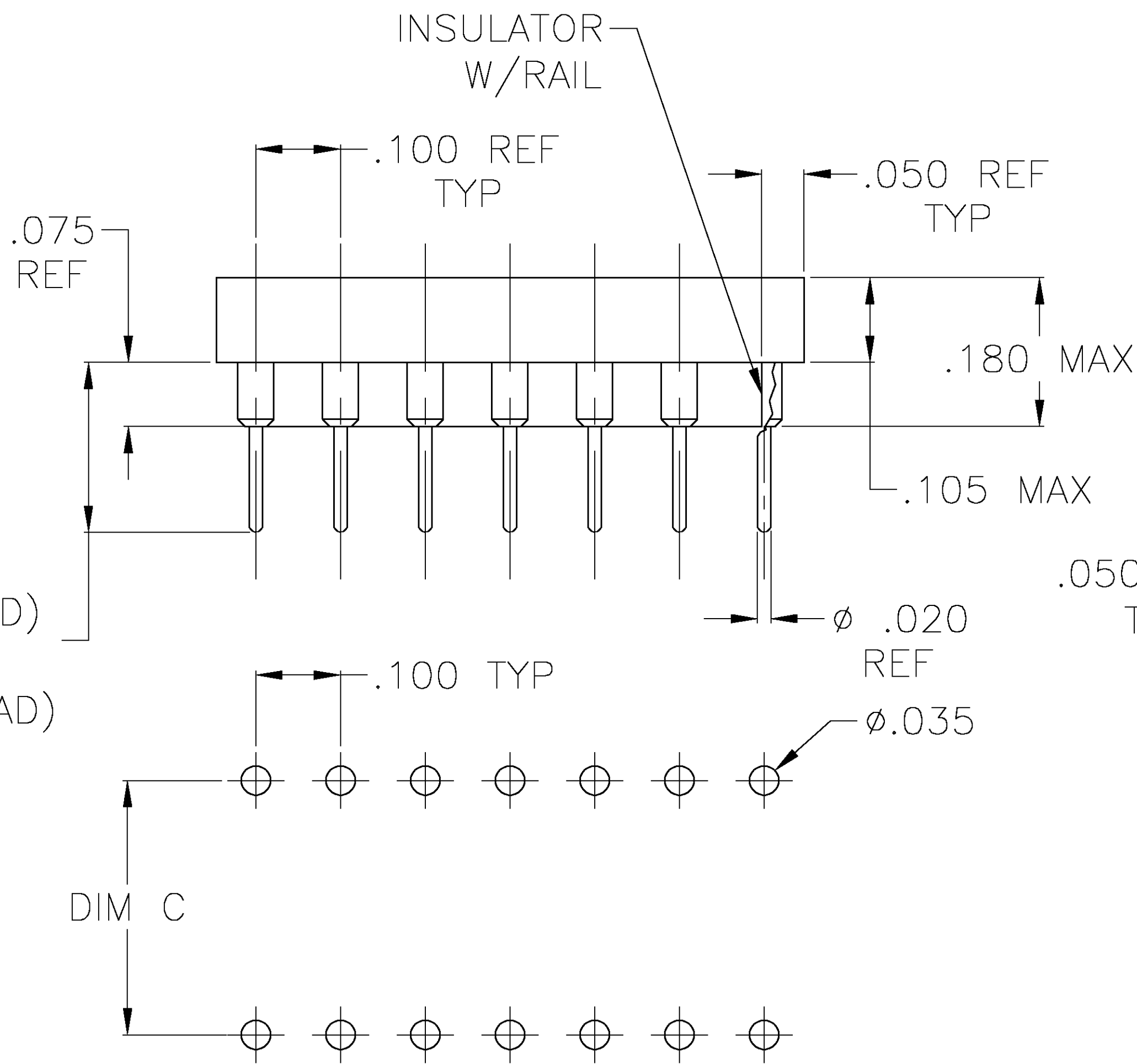
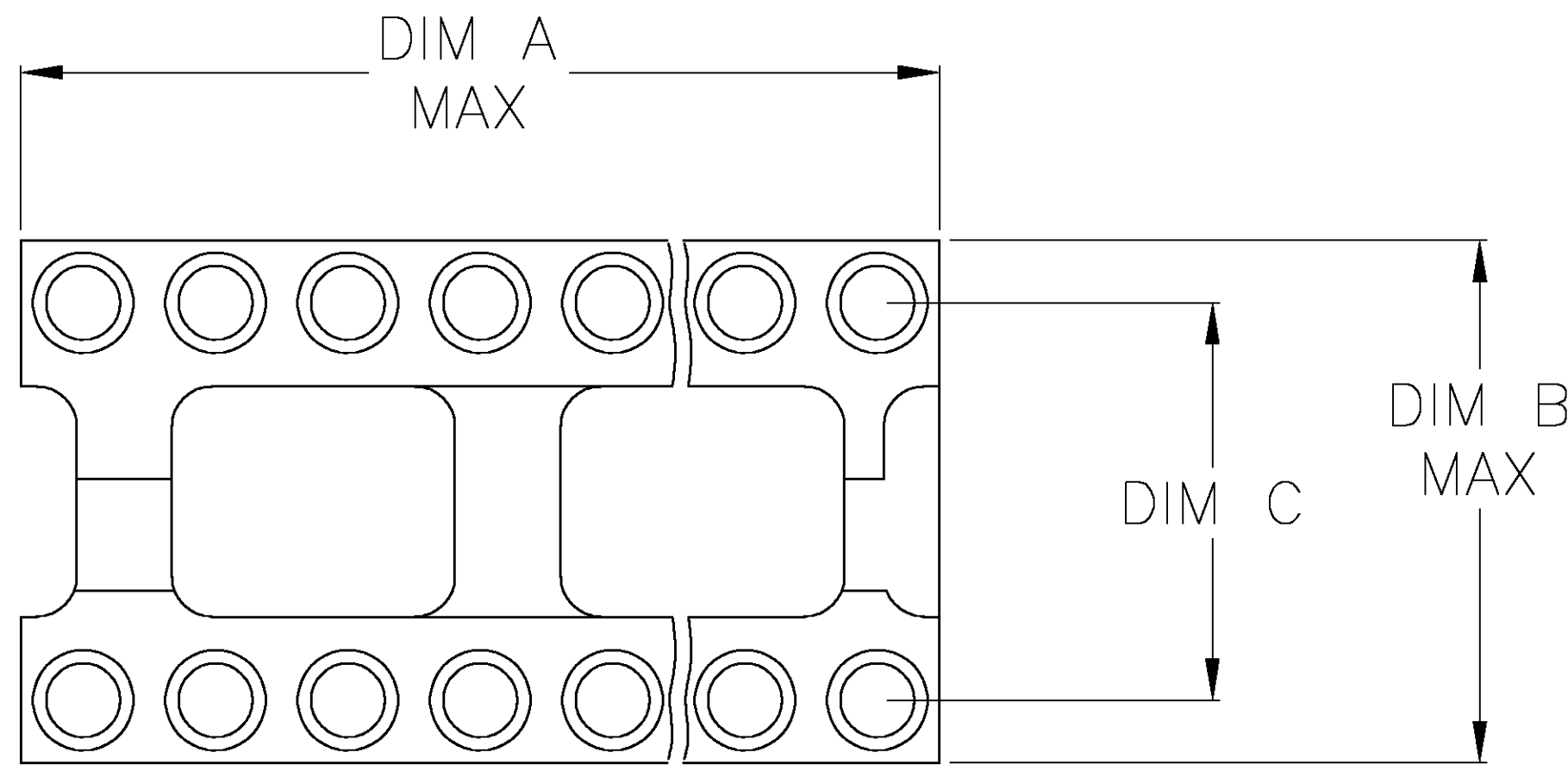


FIG. 3
(8 POS ONLY)



P.C.B. HOLE LAYOUT
TOLERANCE ±.003

MATERIALS:
INSULATOR: POLYESTER, UL RATED 94V-0
CONTACT:
800 & 1800 SERIES CONTACT: 4 BEAM, COPPER ALLOY, MACHINED (PREMIUM VERSION) OR FORMED (ECONOMY VERSION, WITH SUFFIX -ES OR -ESL).
800 SERIES HIGH RETENTION CONTACT: 4 BEAM, COPPER ALLOY, MACHINED.
1000 SERIES CONTACT: 6 BEAM, COPPER ALLOY, MACHINED (LOW INSERTION FORCE SERIES)
SLEEVE- ALL SERIES: COPPER ALLOY, FORMED

ELECTRICAL:
CONTACT RESISTANCE: 10 MILLIOHMS MAX
CONTACT RATING: 3 AMPS
CAPACITANCE: 1.0 pF PER MIL-STD-202, METHOD 305
INSULATION RESISTANCE: 5000 OHMS MIN @ 500 VDC PER MIL-STD-1344, METHOD 3003.1
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER MIL-STD-1344, METHOD 3001.1

MECHANICAL:
AFTER INSERTION FORCE: 37 GRAMS AVG (6 BEAM CONTACT) 134 GRAMS AVG (4 BEAM PREMIUM) 179 GRAMS AVG (4 BEAM ECONOMY) AND 334 GRAMS AVG (HIGH RETENTION)
AFTER WITHDRAWAL FORCE: 15 GRAMS AVG (6 BEAM CONTACT) 63 GRAMS AVG (4 BEAM PREMIUM OR ECONOMY) AND 245 GRAMS AVG (HIGH RETENTION)

ENVIRONMENTAL:
OPERATING TEMPERATURE: -55°C TO -105°C

PLATING: 25μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 5μ" MIN GOLD OVER 50μ" MIN NICKEL SLEEVE.

PLATING: 25μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.

PLATING: 80μ" MIN TIN-LEAD OVER 75μ" MIN COPPER CONTACT WITH 180μ" MIN TIN-LEAD OVER 75μ" MIN NICKEL SLEEVE.

PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL SLEEVE.

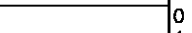
PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.

PLATING: 7.5μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.

PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.

806-AGXXD-XXX SERIES IS SUPERSEDED BY 506-AGXXD-XXX SERIES (REFER TO CUSTOMER DRAWING 1437532-2)

8 XX - AX XXX D - XXX
POSITIONS
BLANK = MACHINED CONTACT
ES = FORMED CONTACT, GOLD PLATE, NOTE 1
ESL = FORMED CONTACT, LOW GOLD PLATE, 5μIN MAX
D = PC TAIL STANDARD
LSG STYLE AND TAIL CONFIGURATION
AG = INSULATOR
AR = INSULATOR WITH RAILS
(ALMOST RUN THE LENGTH UNDER THE INSULATOR INSIDE THE CONTACT ROWS, .075 REF HIGH & .045 REF WIDE)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 06MAY04	tyco Electronics		Tyco Electronics Corporation Harriaburg, Pa 17105-3608			
DIMENSIONS: INCHES		CHK K WRIGHT 06MAY04			NAME			
		APVD K WRIGHT 06MAY04	PRODUCT SPEC		DIP SOCKET, 800 SERIES			
		APPLICATION SPEC						
		SIZE		CAGE CODE			DRAWING NO	RESTRICTED TO
		WEIGHT		A1 00779 C=1437539-2				
		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 4 REV A				
MATERIAL		FINISH		RESTRICTED TO				

8	7	6	5	4	3	2	1
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