



- ⚠ FOR USE WITH 2.36 [0.93] MINIMUM THICK PRINTED CIRCUIT BOARD. REFER TO APPLICATION SPECIFICATION FOR PRINTED CIRCUIT BOARD LAYOUT DIMENSIONS AND FINISH RECOMMENDATIONS.
- ⚠ MOLDED PARTS: NYLON OR POLYESTER, UL 94V-0 RATED, BLACK.
- ⚠ CONTACTS: COPPER ALLOY.
- ⚠ SHELL: CARBON STEEL.
- ⚠ INSERTS: BRASS.
- ⚠ SCREWLOCK: ZINC.
- ⚠ OBSOLETE PART NUMBER.
- ⚠ GOLD FLASH IN MATING AREA. 2.54 MICRO METERS [0.00100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICRO METERS [0.00050] MINIMUM NICKEL.
- ⚠ 0.76 MICRO METERS [0.00030] MINIMUM GOLD IN MATING AREA. 2.54 MICRO METERS [0.00100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICRO METERS [0.00050] MINIMUM NICKEL. OR GOLD FLASH OVER PALLADIUM NICKEL. 0.76 MICRO METERS [0.00030] MINIMUM TOTAL IN MATING AREA. 2.54 MICRO METERS [0.00100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICRO METERS [0.00050] MINIMUM NICKEL.
- ⚠ SHELL: 5.08µm [0.000200] MIN TIN OVER 2.5µm [0.000100] MIN COPPER.
- ⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ SCREWLOCKS: CLEAR TRIVALENT CHROMATE COATING.
- ⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SUPERSEDED BY 5748146-6	SEE DETAIL L	⚠	748146-6
	SEE DETAIL L	⚠	748146-5
	SEE DETAIL K	⚠	748146-4
	SEE DETAIL K	⚠	748146-3
⚠ OBSOLETE	AS SHOWN	⚠	748146-2
⚠ SUPERSEDED	AS SHOWN	⚠	748146-1

MOUNTING TYPE		CONTACT FINISH	PART NUMBER
⚠	⚠	⚠	748146-6
⚠	⚠	⚠	748146-5
⚠	⚠	⚠	748146-4
⚠	⚠	⚠	748146-3
⚠	⚠	⚠	748146-2
⚠	⚠	⚠	748146-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 05/26/02
 ENGINEERING AND TOLERANCES PER ASME Y14.5M-2002
 DIMENSIONS: DIMENSIONS IN INCHES
 TOLERANCES: FRACTIONS DECIMALS
 HOLE DIA ±.0005
 HOLE DIA ±.0010
 HOLE DIA ±.0015
 HOLE DIA ±.0020
 HOLE DIA ±.0025
 HOLE DIA ±.0030
 HOLE DIA ±.0035
 HOLE DIA ±.0040
 HOLE DIA ±.0045
 HOLE DIA ±.0050
 HOLE DIA ±.0055
 HOLE DIA ±.0060
 HOLE DIA ±.0065
 HOLE DIA ±.0070
 HOLE DIA ±.0075
 HOLE DIA ±.0080
 HOLE DIA ±.0085
 HOLE DIA ±.0090
 HOLE DIA ±.0095
 HOLE DIA ±.0100
 HOLE DIA ±.0105
 HOLE DIA ±.0110
 HOLE DIA ±.0115
 HOLE DIA ±.0120
 HOLE DIA ±.0125
 HOLE DIA ±.0130
 HOLE DIA ±.0135
 HOLE DIA ±.0140
 HOLE DIA ±.0145
 HOLE DIA ±.0150
 HOLE DIA ±.0155
 HOLE DIA ±.0160
 HOLE DIA ±.0165
 HOLE DIA ±.0170
 HOLE DIA ±.0175
 HOLE DIA ±.0180
 HOLE DIA ±.0185
 HOLE DIA ±.0190
 HOLE DIA ±.0195
 HOLE DIA ±.0200
 HOLE DIA ±.0205
 HOLE DIA ±.0210
 HOLE DIA ±.0215
 HOLE DIA ±.0220
 HOLE DIA ±.0225
 HOLE DIA ±.0230
 HOLE DIA ±.0235
 HOLE DIA ±.0240
 HOLE DIA ±.0245
 HOLE DIA ±.0250
 HOLE DIA ±.0255
 HOLE DIA ±.0260
 HOLE DIA ±.0265
 HOLE DIA ±.0270
 HOLE DIA ±.0275
 HOLE DIA ±.0280
 HOLE DIA ±.0285
 HOLE DIA ±.0290
 HOLE DIA ±.0295
 HOLE DIA ±.0300
 HOLE DIA ±.0305
 HOLE DIA ±.0310
 HOLE DIA ±.0315
 HOLE DIA ±.0320
 HOLE DIA ±.0325
 HOLE DIA ±.0330
 HOLE DIA ±.0335
 HOLE DIA ±.0340
 HOLE DIA ±.0345
 HOLE DIA ±.0350
 HOLE DIA ±.0355
 HOLE DIA ±.0360
 HOLE DIA ±.0365
 HOLE DIA ±.0370
 HOLE DIA ±.0375
 HOLE DIA ±.0380
 HOLE DIA ±.0385
 HOLE DIA ±.0390
 HOLE DIA ±.0395
 HOLE DIA ±.0400
 HOLE DIA ±.0405
 HOLE DIA ±.0410
 HOLE DIA ±.0415
 HOLE DIA ±.0420
 HOLE DIA ±.0425
 HOLE DIA ±.0430
 HOLE DIA ±.0435
 HOLE DIA ±.0440
 HOLE DIA ±.0445
 HOLE DIA ±.0450
 HOLE DIA ±.0455
 HOLE DIA ±.0460
 HOLE DIA ±.0465
 HOLE DIA ±.0470
 HOLE DIA ±.0475
 HOLE DIA ±.0480
 HOLE DIA ±.0485
 HOLE DIA ±.0490
 HOLE DIA ±.0495
 HOLE DIA ±.0500
 HOLE DIA ±.0505
 HOLE DIA ±.0510
 HOLE DIA ±.0515
 HOLE DIA ±.0520
 HOLE DIA ±.0525
 HOLE DIA ±.0530
 HOLE DIA ±.0535
 HOLE DIA ±.0540
 HOLE DIA ±.0545
 HOLE DIA ±.0550
 HOLE DIA ±.0555
 HOLE DIA ±.0560
 HOLE DIA ±.0565
 HOLE DIA ±.0570
 HOLE DIA ±.0575
 HOLE DIA ±.0580
 HOLE DIA ±.0585
 HOLE DIA ±.0590
 HOLE DIA ±.0595
 HOLE DIA ±.0600
 HOLE DIA ±.0605
 HOLE DIA ±.0610
 HOLE DIA ±.0615
 HOLE DIA ±.0620
 HOLE DIA ±.0625
 HOLE DIA ±.0630
 HOLE DIA ±.0635
 HOLE DIA ±.0640
 HOLE DIA ±.0645
 HOLE DIA ±.0650
 HOLE DIA ±.0655
 HOLE DIA ±.0660
 HOLE DIA ±.0665
 HOLE DIA ±.0670
 HOLE DIA ±.0675
 HOLE DIA ±.0680
 HOLE DIA ±.0685
 HOLE DIA ±.0690
 HOLE DIA ±.0695
 HOLE DIA ±.0700
 HOLE DIA ±.0705
 HOLE DIA ±.0710
 HOLE DIA ±.0715
 HOLE DIA ±.0720
 HOLE DIA ±.0725
 HOLE DIA ±.0730
 HOLE DIA ±.0735
 HOLE DIA ±.0740
 HOLE DIA ±.0745
 HOLE DIA ±.0750
 HOLE DIA ±.0755
 HOLE DIA ±.0760
 HOLE DIA ±.0765
 HOLE DIA ±.0770
 HOLE DIA ±.0775
 HOLE DIA ±.0780
 HOLE DIA ±.0785
 HOLE DIA ±.0790
 HOLE DIA ±.0795
 HOLE DIA ±.0800
 HOLE DIA ±.0805
 HOLE DIA ±.0810
 HOLE DIA ±.0815
 HOLE DIA ±.0820
 HOLE DIA ±.0825
 HOLE DIA ±.0830
 HOLE DIA ±.0835
 HOLE DIA ±.0840
 HOLE DIA ±.0845
 HOLE DIA ±.0850
 HOLE DIA ±.0855
 HOLE DIA ±.0860
 HOLE DIA ±.0865
 HOLE DIA ±.0870
 HOLE DIA ±.0875
 HOLE DIA ±.0880
 HOLE DIA ±.0885
 HOLE DIA ±.0890
 HOLE DIA ±.0895
 HOLE DIA ±.0900
 HOLE DIA ±.0905
 HOLE DIA ±.0910
 HOLE DIA ±.0915
 HOLE DIA ±.0920
 HOLE DIA ±.0925
 HOLE DIA ±.0930
 HOLE DIA ±.0935
 HOLE DIA ±.0940
 HOLE DIA ±.0945
 HOLE DIA ±.0950
 HOLE DIA ±.0955
 HOLE DIA ±.0960
 HOLE DIA ±.0965
 HOLE DIA ±.0970
 HOLE DIA ±.0975
 HOLE DIA ±.0980
 HOLE DIA ±.0985
 HOLE DIA ±.0990
 HOLE DIA ±.0995
 HOLE DIA ±.1000
 HOLE DIA ±.1005
 HOLE DIA ±.1010
 HOLE DIA ±.1015
 HOLE DIA ±.1020
 HOLE DIA ±.1025
 HOLE DIA ±.1030
 HOLE DIA ±.1035
 HOLE DIA ±.1040
 HOLE DIA ±.1045
 HOLE DIA ±.1050
 HOLE DIA ±.1055
 HOLE DIA ±.1060
 HOLE DIA ±.1065
 HOLE DIA ±.1070
 HOLE DIA ±.1075
 HOLE DIA ±.1080
 HOLE DIA ±.1085
 HOLE DIA ±.1090
 HOLE DIA ±.1095
 HOLE DIA ±.1100
 HOLE DIA ±.1105
 HOLE DIA ±.1110
 HOLE DIA ±.1115
 HOLE DIA ±.1120
 HOLE DIA ±.1125
 HOLE DIA ±.1130
 HOLE DIA ±.1135
 HOLE DIA ±.1140
 HOLE DIA ±.1145
 HOLE DIA ±.1150
 HOLE DIA ±.1155
 HOLE DIA ±.1160
 HOLE DIA ±.1165
 HOLE DIA ±.1170
 HOLE DIA ±.1175
 HOLE DIA ±.1180
 HOLE DIA ±.1185
 HOLE DIA ±.1190
 HOLE DIA ±.1195
 HOLE DIA ±.1200
 HOLE DIA ±.1205
 HOLE DIA ±.1210
 HOLE DIA ±.1215
 HOLE DIA ±.1220
 HOLE DIA ±.1225
 HOLE DIA ±.1230
 HOLE DIA ±.1235
 HOLE DIA ±.1240
 HOLE DIA ±.1245
 HOLE DIA ±.1250
 HOLE DIA ±.1255
 HOLE DIA ±.1260
 HOLE DIA ±.1265
 HOLE DIA ±.1270
 HOLE DIA ±.1275
 HOLE DIA ±.1280
 HOLE DIA ±.1285
 HOLE DIA ±.1290
 HOLE DIA ±.1295
 HOLE DIA ±.1300
 HOLE DIA ±.1305
 HOLE DIA ±.1310
 HOLE DIA ±.1315
 HOLE DIA ±.1320
 HOLE DIA ±.1325
 HOLE DIA ±.1330
 HOLE DIA ±.1335
 HOLE DIA ±.1340
 HOLE DIA ±.1345
 HOLE DIA ±.1350
 HOLE DIA ±.1355
 HOLE DIA ±.1360
 HOLE DIA ±.1365
 HOLE DIA ±.1370
 HOLE DIA ±.1375
 HOLE DIA ±.1380
 HOLE DIA ±.1385
 HOLE DIA ±.1390
 HOLE DIA ±.1395
 HOLE DIA ±.1400
 HOLE DIA ±.1405
 HOLE DIA ±.1410
 HOLE DIA ±.1415
 HOLE DIA ±.1420
 HOLE DIA ±.1425
 HOLE DIA ±.1430
 HOLE DIA ±.1435
 HOLE DIA ±.1440
 HOLE DIA ±.1445
 HOLE DIA ±.1450
 HOLE DIA ±.1455
 HOLE DIA ±.1460
 HOLE DIA ±.1465
 HOLE DIA ±.1470
 HOLE DIA ±.1475
 HOLE DIA ±.1480
 HOLE DIA ±.1485
 HOLE DIA ±.1490
 HOLE DIA ±.1495
 HOLE DIA ±.1500
 HOLE DIA ±.1505
 HOLE DIA ±.1510
 HOLE DIA ±.1515
 HOLE DIA ±.1520
 HOLE DIA ±.1525
 HOLE DIA ±.1530
 HOLE DIA ±.1535
 HOLE DIA ±.1540
 HOLE DIA ±.1545
 HOLE DIA ±.1550
 HOLE DIA ±.1555
 HOLE DIA ±.1560
 HOLE DIA ±.1565
 HOLE DIA ±.1570
 HOLE DIA ±.1575
 HOLE DIA ±.1580
 HOLE DIA ±.1585
 HOLE DIA ±.1590
 HOLE DIA ±.1595
 HOLE DIA ±.1600
 HOLE DIA ±.1605
 HOLE DIA ±.1610
 HOLE DIA ±.1615
 HOLE DIA ±.1620
 HOLE DIA ±.1625
 HOLE DIA ±.1630
 HOLE DIA ±.1635
 HOLE DIA ±.1640
 HOLE DIA ±.1645
 HOLE DIA ±.1650
 HOLE DIA ±.1655
 HOLE DIA ±.1660
 HOLE DIA ±.1665
 HOLE DIA ±.1670
 HOLE DIA ±.1675
 HOLE DIA ±.1680
 HOLE DIA ±.1685
 HOLE DIA ±.1690
 HOLE DIA ±.1695
 HOLE DIA ±.1700
 HOLE DIA ±.1705
 HOLE DIA ±.1710
 HOLE DIA ±.1715
 HOLE DIA ±.1720
 HOLE DIA ±.1725
 HOLE DIA ±.1730
 HOLE DIA ±.1735
 HOLE DIA ±.1740
 HOLE DIA ±.1745
 HOLE DIA ±.1750
 HOLE DIA ±.1755
 HOLE DIA ±.1760
 HOLE DIA ±.1765
 HOLE DIA ±.1770
 HOLE DIA ±.1775
 HOLE DIA ±.1780
 HOLE DIA ±.1785
 HOLE DIA ±.1790
 HOLE DIA ±.1795
 HOLE DIA ±.1800
 HOLE DIA ±.1805
 HOLE DIA ±.1810
 HOLE DIA ±.1815
 HOLE DIA ±.1820
 HOLE DIA ±.1825
 HOLE DIA ±.1830
 HOLE DIA ±.1835
 HOLE DIA ±.1840
 HOLE DIA ±.1845
 HOLE DIA ±.1850
 HOLE DIA ±.1855
 HOLE DIA ±.1860
 HOLE DIA ±.1865
 HOLE DIA ±.1870
 HOLE DIA ±.1875
 HOLE DIA ±.1880
 HOLE DIA ±.1885
 HOLE DIA ±.1890
 HOLE DIA ±.1895
 HOLE DIA ±.1900
 HOLE DIA ±.1905
 HOLE DIA ±.1910
 HOLE DIA ±.1915
 HOLE DIA ±.1920
 HOLE DIA ±.1925
 HOLE DIA ±.1930
 HOLE DIA ±.1935
 HOLE DIA ±.1940
 HOLE DIA ±.1945
 HOLE DIA ±.1950
 HOLE DIA ±.1955
 HOLE DIA ±.1960
 HOLE DIA ±.1965
 HOLE DIA ±.1970
 HOLE DIA ±.1975
 HOLE DIA ±.1980
 HOLE DIA ±.1985
 HOLE DIA ±.1990
 HOLE DIA ±.1995
 HOLE DIA ±.2000