

OPERATING TEMPERATURE: -40° C TO +125° C.

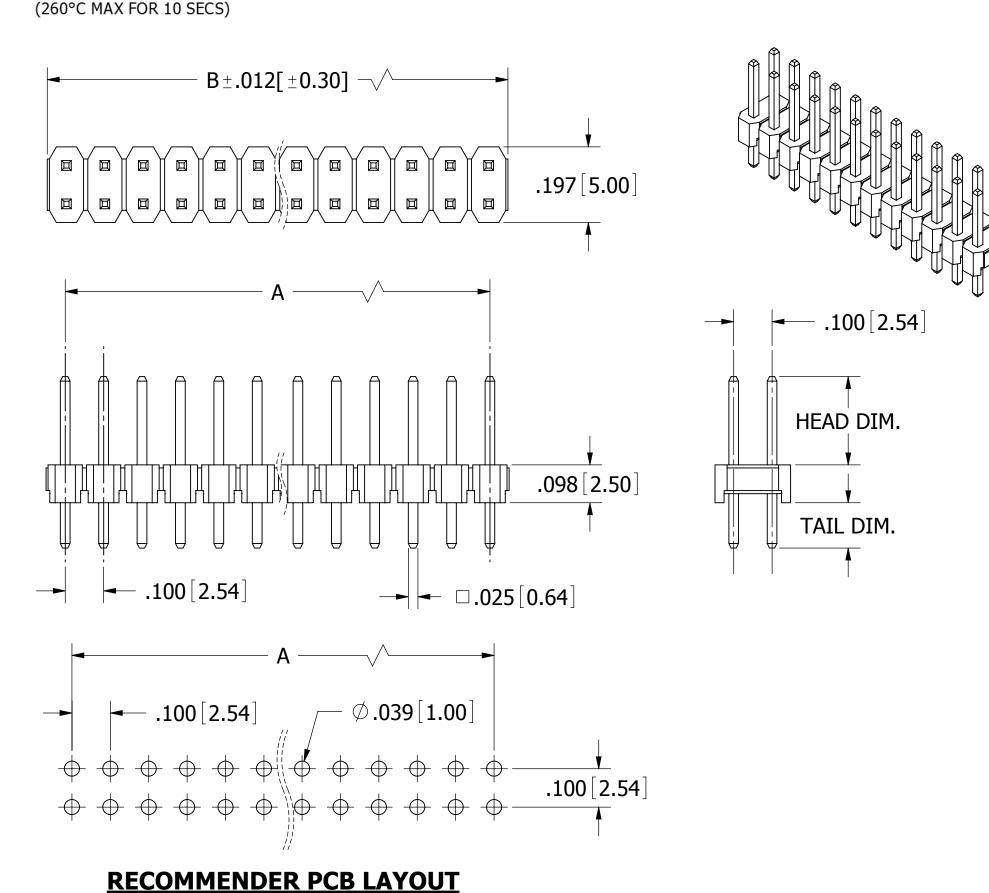
PROCESSING TEMP: 230°C MAX FOR 60 SECS

CONTACT SURFACE TERMINATION B = .000010" GOLDLR = LCP / BRASS

.000100" PURE TIN, MATTE .000100" PURE TIN, MATTE C = .000030" GOLD

E = TIN OVERALL

P = GOLD FLASH OVERALL



6

CODE										
CODE		TERMINATIO				PART NUMBER	A NAM		В	
NACH	CODE	HEAD DIM		TAIL DIM		COOLD N.DC				
AR		INCH	MM	INCH	MM					
AB 0.230 5.84 0.230 5.84	AA	0.230	5.84	0.120	3.05					
AC         0.230         5.84         0.320         8.13         C005D_N-RC         0.400         10.16         0.500         12.70           AD         0.230         5.84         0.420         10.67         C006D_N-RC         0.500         12.70         0.600         15.24           AE         0.230         5.84         0.620         15.75         C008D_N-RC         0.600         15.24         0.700         17.78         0.800         20.32           AG         0.230         5.84         0.620         15.75         C008D_N-RC         0.800         20.32         0.900         22.86           AH         0.230         5.84         0.820         20.83         C010D_N-RC         1.000         25.40         1.00         25.40         C011D_N-RC         1.000         25.40         1.00         27.94         1.200         30.48         1.300         33.02           AK         0.230         5.84         1.000         25.40         C011D_N-RC         1.000         25.40         1.00         27.94         1.200         30.48         1.300         33.02         1.400         35.56           FA         0.318         8.08         0.120         3.05         C016D_N-RC	AB	0.230	5.84	0.230	5.84					
AB	AC	0.230	5.84	0.320	8.13					
AE         0.230         5.84         0.520         13.21        C007DN-RC         0.600         15.24         0.700         17.78           AF         0.230         5.84         0.620         15.75        C008DN-RC         0.700         17.78         0.800         20.32           AH         0.230         5.84         0.820         20.83        C009DN-RC         0.900         22.86           AJ         0.230         5.84         0.900         22.86        C011DN-RC         1.000         25.40           AK         0.230         5.84         1.000         25.40        C013DN-RC         1.100         27.94         1.200         30.48           AK         0.230         5.84         1.000         25.40        C013DN-RC         1.100         27.94         1.200         30.48           AK         0.230         5.84         1.000         25.40        C013DN-RC         1.100         27.94         1.200         30.48           AK         0.230         5.84         1.000         25.40        C013DN-RC         1.100         27.94         1.200         30.48           AK         0.2318         8.08         0.120         3	AD	0.230	5.84	0.420	10.67					
AG 0.230 5.84 0.720 18.29	AE	0.230	5.84	0.520	13.21					
AG         0.230         5.84         0.720         18.29         C009D         N-RC         0.800         20.32         0.900         22.86           AH         0.230         5.84         0.820         20.83	AF	0.230	5.84	0.620	15.75	C008DN-RC	0.700	17.78	0.800	20.32
AH         0.230         5.84         0.820         20.83        C010DN-RC         0.900         22.86         1.000         25.40           AI         0.230         5.84         0.900         22.86        C011DN-RC         1.000         25.40         1.100         27.94         1.200         30.48           AJ         0.230         5.84         1.000         25.40        C012DN-RC         1.100         27.94         1.200         30.48         30.48           AK         0.230         5.84         0.035         0.89        C014DN-RC         1.300         33.02         1.400         35.56         1.500         38.10         3.556           FA         0.318         8.08         0.120         3.05        C016DN-RC         1.500         38.10         1.600         40.64         1.700         43.18         1.600         40.64         1.700         43.18         1.800         45.72         1.900         48.26         2.000         50.80         1.900         48.26         2.000         50.80         1.900         48.26         2.000         50.80         1.900         48.26         2.000         50.80         1.900         48.26         2.000         50.80         <						C009DN-RC	0.800	20.32	0.900	22.86
AI 0.230 5.84 0.900 22.86						C010DN-RC	0.900	22.86	1.000	25.40
AJ 0.230 5.84 1.000 25.40  AK 0.230 5.84 0.035 0.89						C011DN-RC	1.000	25.40	1.100	27.94
AK 0.230 5.84 0.035 0.89										
FE 0.318 8.08 0.220 13.21										
FA         0.318         8.08         0.120         3.05        C016DN-RC         1.500         38.10         1.600         40.64           FB         0.318         8.08         0.220         5.59        C017DN-RC         1.600         40.64         1.700         43.18           FC         0.318         8.08         0.320         8.13        C018DN-RC         1.700         43.18         1.800         45.72           FD         0.318         8.08         0.420         10.67        C019DN-RC         1.800         45.72         1.900         48.26           FE         0.318         8.08         0.520         13.21        C020DN-RC         1.900         48.26         2.000         50.80           FE         0.318         8.08         0.620         15.75        C021DN-RC         1.900         48.26         2.000         50.80           FG         0.318         8.08         0.620         15.75        C022DN-RC         2.100         53.34         2.200         55.88           FG         0.318         8.08         0.910         23.11        C023DN-RC         2.200         55.88         2.300         58.42	AK	0.230	3.04	0.055	0.09					
FB 0.318 8.08 0.220 5.59C017D_ N-RC 1.600 40.64 1.700 43.18 FC 0.318 8.08 0.320 8.13C018D_ N-RC 1.700 43.18 1.800 45.72 FD 0.318 8.08 0.420 10.67C019D_ N-RC 1.800 45.72 1.900 48.26 FE 0.318 8.08 0.520 13.21C020D_ N-RC 1.900 48.26 2.000 50.80 FF 0.318 8.08 0.620 15.75C021D_ N-RC 2.000 50.80 2.100 53.34 FF 0.318 8.08 0.710 18.03C023D_ N-RC 2.000 55.88 2.300 58.42 FH 0.318 8.08 0.810 20.57C024D_ N-RC 2.000 55.88 2.300 58.42 FH 0.318 8.08 0.910 23.11C025D_ N-RC 2.400 60.96 2.500 63.50 FJ 0.318 8.08 0.050 1.27C026D_ N-RC 2.600 66.04 2.700 68.58		0.210	0.00	0.120	2.05					
FC 0.318 8.08 0.320 8.13										
FD 0.318 8.08 0.420 10.67 FE 0.318 8.08 0.520 13.21 FF 0.318 8.08 0.620 15.75 FG 0.318 8.08 0.710 18.03 FG 0.318 8.08 0.810 20.57 FI 0.318 8.08 0.910 23.11 CO22D_N-RC 2.300 55.88 2.300 58.42 FH 0.318 8.08 0.910 23.11 CO22D_N-RC 2.300 55.88 2.300 58.42 FI 0.318 8.08 0.910 23.11 CO22D_N-RC 2.300 55.88 2.300 58.42 FI 0.318 8.08 0.910 23.11 CO22D_N-RC 2.300 55.88 2.300 58.42 CO23D_N-RC 2.300 55.88 2.300 58.42 CO22D_N-RC 2.300 55.88 2.300 58.42 CO32D_N-RC 2.300 56.84 2.400 60.96 FI 0.318 8.08 0.910 23.11 CO22D_N-RC 2.300 55.88 2.300 58.42 CO22D_N-RC 2.300 56.84 2.400 60.96 CO22D_N-RC 2.300 56.80 2.100 53.34 CO31B 8.08 0.910 23.11 CO22D_N-RC 2.300 56.82 2.300 58.42 CO22D_N-RC 2.300 56.84 2.400 60.96 CO22D_N-RC 2.300 66.04 2.700 68.58 CO32D_N-RC 2.300 66.04 2.700 68.58 CO32D_N-RC 2.300 73.66 3.000 76.20 CO32D_N-RC 3.300 76.20 3.100 78.74 CO32D_N-RC 3.300 78.74 3.200 81.28 CO32D_N-RC 3.300 83.82 3.400 86.36 CO 0.820 20.83 0.110 2.79 CO33D_N-RC 3.300 83.82 3.400 86.36 CO 0.820 20.83 0.110 2.79 CO33D_N-RC 3.300 83.82 3.400 86.36 CO 0.820 20.83 0.110 2.79 CO33D_N-RC 3.500 88.90 3.600 91.44 CO33D										
FE 0.318 8.08 0.520 13.21 FF 0.318 8.08 0.620 15.75 FG 0.318 8.08 0.620 15.75 FG 0.318 8.08 0.710 18.03 FF 0.318 8.08 0.810 20.57 FI 0.318 8.08 0.910 23.11 FJ 0.318 8.08 0.050 1.27  C022D N-RC 2.000 50.80 2.100 53.34  C023D N-RC 2.100 53.34 2.200 55.88  C023D N-RC 2.300 58.42  C024D N-RC 3.300 76.20  C031D N-RC 3.300 76.20  C031D N-RC 3.300 83.82  C024D N-RC 3.400 86.36  C024D N-RC 3.600 91.44  C024D N-RC 3.600 91.46  C024D N-RC 3.600 91.46  C024D N-RC 3.600										
FF 0.318 8.08 0.620 15.75 FG 0.318 8.08 0.710 18.03 FH 0.318 8.08 0.810 20.57 FI 0.318 8.08 0.910 23.11  CO25D N-RC 2.300 55.88 2.300 58.42  CO23D N-RC 2.300 55.88 2.300 58.42  CO23D N-RC 2.300 58.42 2.400 60.96  FI 0.318 8.08 0.910 23.11  CO25D N-RC 2.400 60.96 2.500 63.50  FJ 0.318 8.08 0.050 1.27  CO27D N-RC 2.600 66.04 2.700 68.58  ZA 0.120 3.05 0.120 3.05  ZB 0.120 3.05 0.095 2.41  ZC 0.120 3.05 0.260 6.60  ZD 0.120 3.05 0.610 15.49  ZI 0.520 13.21 0.110 2.79  ZJ 0.720 18.29 0.110 2.79  ZQ 1.020 25.91 0.110 2.79  ZR 1.220 30.99 0.110 2.79  ZR 1.220 30.99 0.110 2.79  CO23D N-RC 2.600 50.80 2.100 53.34  CC023D N-RC 2.300 58.42 2.400 60.96  CC027D N-RC 2.600 66.04 2.700 68.58  CC027D N-RC 2.600 66.04 2.700 68.58  CC027D N-RC 2.600 66.04 2.700 68.58  CC026D N-RC 2.700 68.58 2.800 71.12  CC027D N-RC 2.800 71.12 2.900 73.66  CC030D N-RC 2.900 73.66 3.000 76.20  CC031D N-RC 3.000 76.20 3.100 78.74  CC033D N-RC 3.200 81.28 3.300 83.82  CC033D N-RC 3.500 88.90 3.600 91.44  CC036D N-RC 3.500 88.90 3.600 91.44  CC036D N-RC 3.700 93.98 3.800 96.52  CC037D N-RC 3.700 93.98 3.800 96.52  CC039D N-RC 3.700 93.98 3.800 96.52  CC039D N-RC 3.700 93.98 3.800 96.52										
FF 0.318 8.08 0.620 15.75 FG 0.318 8.08 0.710 18.03 FH 0.318 8.08 0.810 20.57 FI 0.318 8.08 0.910 23.11 FI 0.318 8.08 0.910 58.42 FH 0.318 8.08 0.810 50.91 FI 0.318 8.08 0.810 58.42 FH 0.318 8.08 0.810 58.42 FH 0.318 8.08 0.810 58.42 FH 0.318 8.08 0.810 50.91 FI 0.318 8.08 0.810 58.42 FI 0.318 8.08 0.810 50.91 FI 0.318 8.08 0.910 58.42 FI 0.318 8.08 0.910 58.42 FI 0.318 8.08 0.91 FI 0.318 8.08 0.910 58.42 FI 0.318 8.08 0.91 FI 0.318 8.08 0.910 58.42 FI 0.318 8.08 0.91 FI 0.318 8.08 0.91 FI 0.318 8.08 0.910 50.91 FI 0.318 8.08 0.910	FE	0.318		0.520						
FG         0.318         8.08         0.710         18.03        C023DN-RC         2.200         55.88         2.300         58.42           FH         0.318         8.08         0.810         20.57        C024DN-RC         2.300         58.42         2.400         60.96           FI         0.318         8.08         0.910         23.11        C025DN-RC         2.400         60.96         2.500         63.50           FJ         0.318         8.08         0.050         1.27        C026DN-RC         2.500         63.50         2.600         66.04         2.700         68.58           ZA         0.120         3.05         0.120         3.05         0.095         2.41        C027DN-RC         2.700         68.58         2.800         71.12        C030DN-RC         2.900         73.66         3.000         76.20           ZD         0.120         3.05         0.610         15.49        C031DN-RC         3.000         76.20         3.100         78.74           ZJ         0.720         18.29         0.110         2.79        C033DN-RC         3.200         81.28         3.300         83.82           ZQ         1.020         <	FF	0.318	8.08	0.620	15.75					
FH         0.318         8.08         0.810         20.57        C024DN-RC         2.300         58.42         2.400         60.96           FI         0.318         8.08         0.910         23.11        C025DN-RC         2.400         60.96         2.500         63.50           FJ         0.318         8.08         0.050         1.27        C026DN-RC         2.500         63.50         2.600         66.04           ZA         0.120         3.05         0.120         3.05        C027DN-RC         2.600         66.04         2.700         68.58           ZB         0.120         3.05         0.095         2.41        C029DN-RC         2.800         71.12         2.900         73.66           ZD         0.120         3.05         0.260         6.60        C031DN-RC         2.900         73.66         3.000         76.20           ZD         0.120         3.05         0.610         15.49        C032DN-RC         3.100         78.74         3.200         81.28           ZJ         0.720         18.29         0.110         2.79        C033DN-RC         3.300         83.82         3.400         86.36           ZO<	FG	0.318	8.08	0.710	18.03					
FJ 0.318 8.08 0.050 1.27C026DN-RC 2.500 63.50 2.600 66.04	FH	0.318	8.08	0.810	20.57					60.96
ZA       0.120       3.05       0.120       3.05       2.41       0.120       3.05       0.260       6.60       0.120       3.05       0.120       3.05       0.260       0.60       0.095       0.241       0.120       0.120       0.120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.0120       0.001	FI	0.318	8.08	0.910	23.11	C025DN-RC	2.400	60.96	2.500	63.50
ZA       0.120       3.05       0.120       3.05       2.700       68.58       2.800       71.12         ZB       0.120       3.05       0.095       2.41      C029DN-RC       2.800       71.12       2.900       73.66         ZC       0.120       3.05       0.260       6.60      C031DN-RC       2.900       73.66       3.000       76.20         ZD       0.120       3.05       0.610       15.49      C032DN-RC       3.100       78.74       3.200       81.28         ZI       0.520       13.21       0.110       2.79      C032DN-RC       3.100       78.74       3.200       81.28         ZJ       0.720       18.29       0.110       2.79      C033DN-RC       3.300       83.82       3.400       86.36         ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.600       91.44       3.700       93.98        C038DN-RC       3.600       91.44       3.700       93.98      C039DN-RC       3.600       96.52	FJ	0.318	8.08	0.050	1.27	C026DN-RC	2.500	63.50	2.600	66.04
ZB 0.120 3.05 0.095 2.41  ZC 0.120 3.05 0.260 6.60  ZD 0.120 3.05 0.610 15.49  ZI 0.520 13.21 0.110 2.79  ZJ 0.720 18.29 0.110 2.79  ZQ 1.020 25.91 0.110 2.79  ZR 1.220 30.99 0.110 2.79  ZR 1.220 30.99 0.110 2.79  ZR 1.220 30.99 0.110 2.79  ZR 2.032D N-RC 3.000 76.20 3.100 78.74  ZR 2.032D N-RC 3.000 76.20 3.100 78.74  ZR 2.032D N-RC 3.200 81.28 3.300 83.82  ZR 3.000 76.20 3.100 78.74  ZR 3.000 81.28 3.300 83.82  ZR 3.000 91.44  ZR 3.000 96.52 3.900 99.06						C027DN-RC	2.600	66.04	2.700	68.58
ZB       0.120       3.05       0.095       2.41      C029DN-RC       2.800       71.12       2.900       73.66         ZC       0.120       3.05       0.260       6.60         ZD       0.120       3.05       0.610       15.49         ZI       0.520       13.21       0.110       2.79      C032DN-RC       3.000       76.20       3.100       78.74         ZJ       0.720       18.29       0.110       2.79      C033DN-RC       3.200       81.28       3.300       83.82         ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.500       88.90       3.600       91.44         ZR       1.220       30.99       0.110       2.79      C037DN-RC       3.600       91.44       3.700       93.98        C039DN-RC       3.800       96.52       3.900       99.06	ZA	0.120	3.05	0.120	3.05	C028DN-RC	2.700	68.58	2.800	71.12
ZC       0.120       3.05       0.260       6.60         ZD       0.120       3.05       0.610       15.49      C031DN-RC       3.000       76.20       3.100       78.74         ZI       0.520       13.21       0.110       2.79      C032DN-RC       3.100       78.74       3.200       81.28         ZJ       0.720       18.29       0.110       2.79      C033DN-RC       3.200       81.28       3.300       83.82         ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.600       91.44       3.700       93.98         ZR       1.220       30.99       0.110       2.79      C037DN-RC       3.600       91.44       3.700       93.98        C039DN-RC       3.800       96.52       3.900       99.06										
ZD       0.120       3.05       0.610       15.49      C032DN-RC       3.000       76.20       3.100       78.74         ZI       0.520       13.21       0.110       2.79      C033DN-RC       3.200       81.28       3.300       83.82         ZJ       0.720       18.29       0.110       2.79      C034DN-RC       3.300       83.82       3.400       86.36         ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.600       91.44       3.700       93.98         ZR       1.220       30.99       0.110       2.79      C038DN-RC       3.600       91.44       3.700       93.98        C039DN-RC       3.800       96.52       3.900       99.06										
ZI       0.520       13.21       0.110       2.79      C033DN-RC       3.200       81.28       3.300       83.82         ZJ       0.720       18.29       0.110       2.79      C034DN-RC       3.300       83.82       3.400       86.36         ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.500       88.90       3.600       91.44         ZR       1.220       30.99       0.110       2.79      C037DN-RC       3.600       91.44       3.700       93.98        C039DN-RC       3.800       96.52       3.900       99.06										
ZJ         0.720         18.29         0.110         2.79        C034DN-RC         3.300         83.82         3.400         86.36           ZO         0.820         20.83         0.110         2.79        C035DN-RC         3.400         86.36         3.500         88.90           ZQ         1.020         25.91         0.110         2.79        C036DN-RC         3.500         88.90         3.600         91.44           ZR         1.220         30.99         0.110         2.79        C037DN-RC         3.600         91.44         3.700         93.98          C038DN-RC         3.800         96.52         3.900         99.06										
ZO       0.820       20.83       0.110       2.79      C035DN-RC       3.400       86.36       3.500       88.90         ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.500       88.90       3.600       91.44         ZR       1.220       30.99       0.110       2.79      C037DN-RC       3.600       91.44       3.700       93.98        C038DN-RC       3.700       93.98       3.800       96.52        C039DN-RC       3.800       96.52       3.900       99.06										
ZQ       1.020       25.91       0.110       2.79      C036DN-RC       3.500       88.90       3.600       91.44         ZR       1.220       30.99       0.110       2.79      C037DN-RC       3.600       91.44       3.700       93.98        C038DN-RC       3.700       93.98       3.800       96.52        C039DN-RC       3.800       96.52       3.900       99.06										
ZR 1.220 30.99 0.110 2.79C037DN-RC 3.600 91.44 3.700 93.98C038DN-RC 3.700 93.98 3.800 96.52C039DN-RC 3.800 96.52 3.900 99.06										
C038DN-RC 3.700 93.98 3.800 96.52C039DN-RC 3.800 96.52 3.900 99.06										
C039DN-RC 3.800 96.52 3.900 99.06	ZK	1.220	30.99	0.110	2./9					
										101.60

2

**REVISIONS** 

**DESCRIPTION** 

ADD 'LCP' MATERIAL AND REMOVE 'NYLON 9T'

UPDATE LCP OPERATING TEMP TO -40° C TO +125° C

(WAS -40 ° C TO +105 °C), UPDATE PROCESSING TEMPERATURE FOR NYLON 6T MATERIAL (OBSOLETE

DWG 11252)

ADD 001-POSITION ON DIMENSION TABLE

DATE

09/06/2012

04/09/2015

10/21/2016

BY

LH

LH

LH

## **NOTES:**

- 1. INSULATOR MATERIAL: SEE PART NUMBER CODING, UL 94V-0, BLACK.
- 2. CONTACT MATERIAL: SEE PART NUMBER CODING.
- 3. CONTACT PLATING: SEE PART NUMBER CODING.
- 4. CURRENT RATING: 3 AMPS.
- 5. INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
- 6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
- 7. DIELECTRIC WITHSTANDING: 1000 VAC.
- 8. OPERATING TEMPERATURE: SEE PART NUMBER CODING.



**RoHS COMPLIANT** 

DRAWN DATE NAME UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] **TOLERANCES:** ANGULAR:

3

ECO. NO

2668

2828

3542

REV.

D

Ε

F

DECIMALS .XX=± .012 [.3] .XXX=± .008 [.20] .XXXX=± .0040 [.100]

03/22/2011 LH HE INFORMATION HEREIN CONTAIN: PROPIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS

**SULLINS** HEADER .100" PITCH, 2 ROWS, STRAIGHT PART NUMBER  $R_C$ 

D N-RC CAGE CODE DWG. NO. REV **F** 54453 11636 SCALE: 4:1 SHEET 1 OF 1