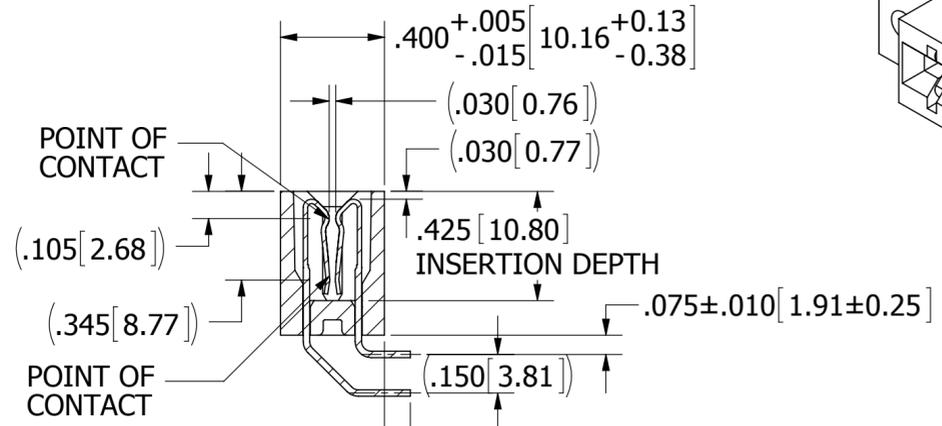
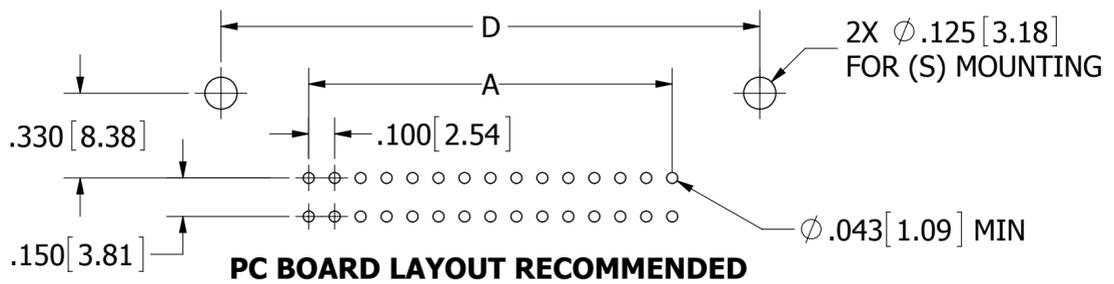
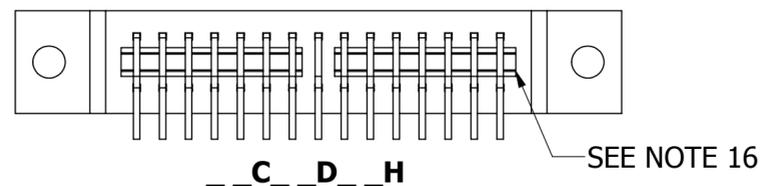
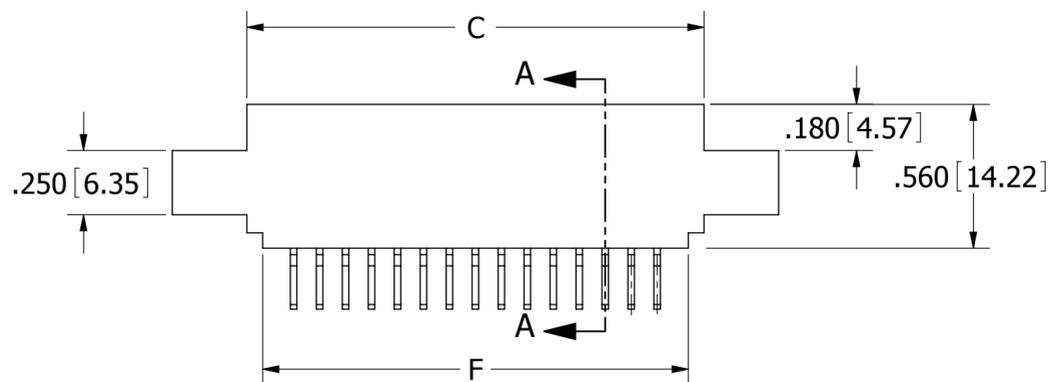
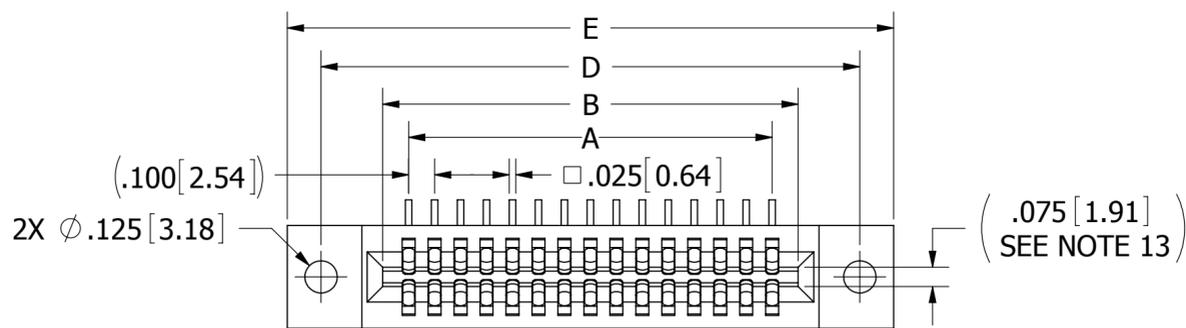
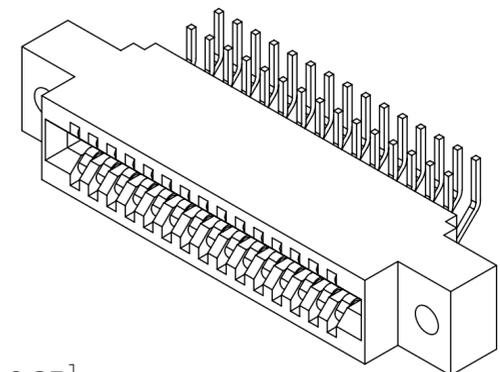


| REVISIONS | | | | |
|-----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|
| REV. | ECO. NO | DESCRIPTION | DATE | BY |
| B | 1886 | ADD PG TERMINATION. UPDATE CONTACT POINTS BASED ON CHANGES TO PIN | 1/7/2009 | MNH |
| C | 2696 | UPDATE PCB LAYOUT, REF DIM FOR CONTACT POINT LOCATION, DWG VIEW TO SHOW RIB ON INSULATOR BOTTOM, ADD CONTACT GAP DIM, TOL FOR INSULATOR WIDTH & 1ST RAB DIM .075, REMOVE PP TAIL OPTION VIEW (CONSULT FACTORY) | 10/29/2012 | JH |



PB = .100 ± .025 [2.54 ± 0.64]
 PG = .140 ± .025 [3.56 ± 0.64]
 PE = .180 ± .025 [4.57 ± 0.64]
 PU = .250 ± .025 [6.35 ± 0.64]
 PJ = .500 ± .025 [12.70 ± 0.64]
 (OTHER LENGTHS AVAILABLE, CONTACT FACTORY)

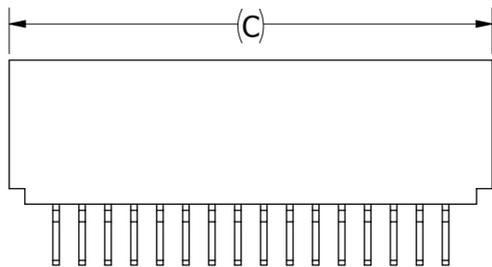
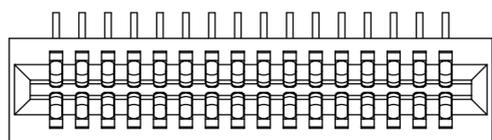
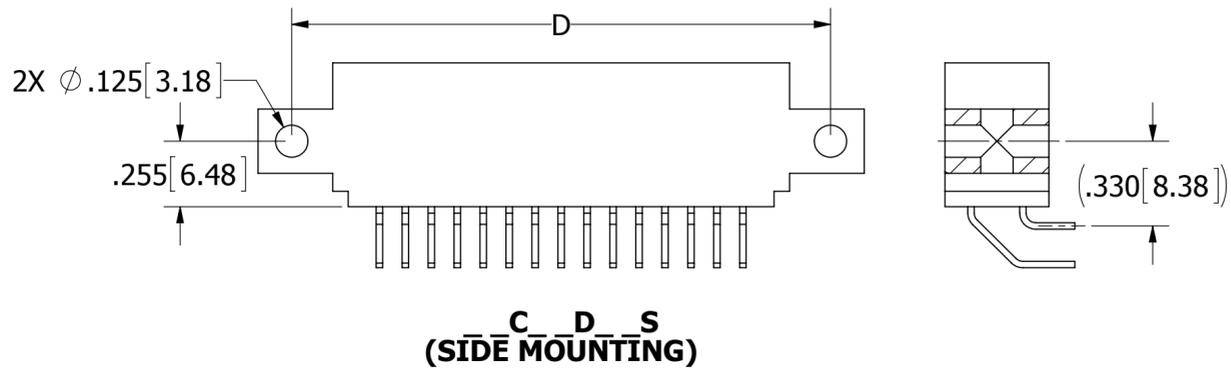
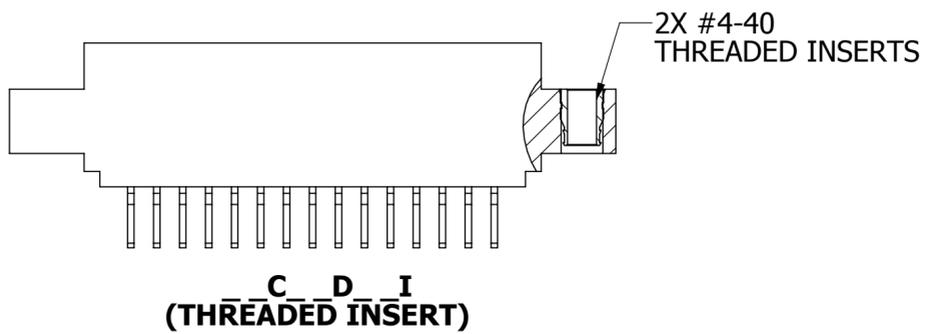
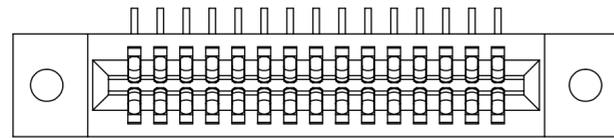
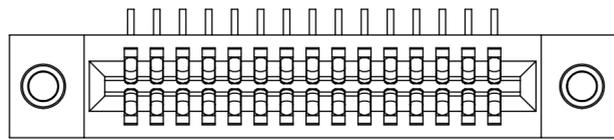


- NOTES:**
- INSULATOR MATERIAL: SEE PART NUMBER CODING
 - CONTACT MATERIAL: SEE PART NUMBER CODING
 - PLATING: SEE PART NUMBER CODING
 - OPERATING TEMPERATURE: SEE PART NUMBER CODING
 - PROCESSING TEMP: SEE PART NUMBER CODING
 - UL FLAMMABILITY RATING: 94V-0
 - OPERATING VOLTAGE: 700 VAC MINIMUM AT SEA LEVEL
 - CURRENT RATING: 3 AMP
 - CONTACT RESISTANCE: 30 MILLI OHMS MAX
 - INSULATION RESISTANCE: 5000 MEGA OHMS
 - DURABILITY: 500 CYCLES MIN
 - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
 - BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20]
 - INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE
INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION WI7.3-01
 - WITHDRAWAL FORCE: 1 OZ MIN PER CONTACT PAIR USING .062 [1.57] PCB
 - NUMBER OF GROOVES AND LENGTH VARY WITH NUMBER OF POSITIONS. 70-POSITION HAS NO GROOVE.



CUSTOMER COPY

| | | | | | | |
|---------------------------------------------------------------------------------|--|------------|--------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] | | DRAWN | DATE | NAME | | |
| | | | 10/29/12 | JH | | |
| TOLERANCES: | | | | | <small>THE INFORMATION HEREIN CONTAINS PROPRIETARY 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.</small> | |
| ANGULAR: ± 1° | | | | | TITLE EDGECARD, .100 CC HP | |
| DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [0.13] .XXXX = ± .0005 [0.013] | | | | | PART NUMBER _ _ C _ D _ _ (PB,PE,PG,PJ,PU,PP) | |
| | | SIZE | CAGE CODE | DWG. NO. | REV | |
| | | C | 54453 | C11116 | C | |
| | | SCALE: 2:1 | SHEET 1 OF 3 | | | |



**C D N
(NO EARS)**

CUSTOMER COPY

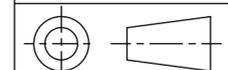


UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
ANGULAR: ± 1°
DECIMALS
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
.XXXX = ± .0005 [.013]

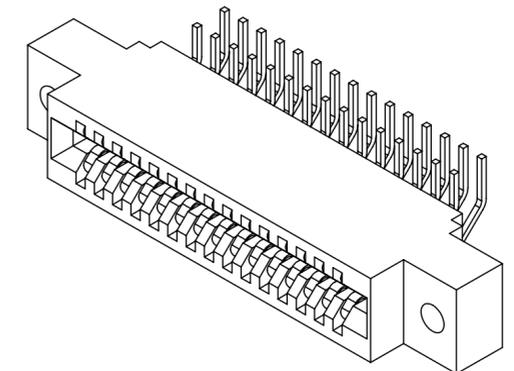
| DRAWN | DATE | NAME |
|-------|----------|------|
| | 10/29/12 | JH |

THE INFORMATION HEREIN CONTAINS PROPRIETARY 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.



| | | | |
|-------------------------------------------------|---------------------------|---------------------------|-----------------|
| TITLE EDGECARD, .100 CC HP | | | |
| PART NUMBER C D , (PB,PE,PG,PJ,PU,PP) | | | |
| SIZE C | CAGE CODE 54453 | DWG. NO. C11116 | REV C |
| SCALE: 2:1 | | SHEET 2 OF 3 | |

| PART NUMBER | NO. OF POS. | INCHES | | | | | | MILLIMETERS | | | | | |
|-------------|-------------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|
| | | A±.008 | B±.008 | C±.015 | D±.010 | E±.020 | F±.015 | A±0.20 | B±0.20 | C±0.38 | D±0.25 | E±0.51 | F±0.38 |
| C06D | 6 | 0.500 | 0.700 | 0.860 | 1.175 | 1.435 | 0.740 | 12.70 | 17.78 | 21.84 | 29.85 | 36.45 | 18.80 |
| C07D | 7 | 0.600 | 0.800 | 0.960 | 1.275 | 1.535 | 0.840 | 15.24 | 20.32 | 24.38 | 32.39 | 38.99 | 21.34 |
| C08D | 8 | 0.700 | 0.900 | 1.060 | 1.375 | 1.635 | 0.940 | 17.78 | 22.86 | 26.92 | 34.93 | 41.53 | 23.88 |
| C10D | 10 | 0.900 | 1.100 | 1.260 | 1.575 | 1.835 | 1.140 | 22.86 | 27.94 | 32.00 | 40.01 | 46.61 | 28.96 |
| C12D | 12 | 1.100 | 1.300 | 1.460 | 1.775 | 2.035 | 1.340 | 27.94 | 33.02 | 37.08 | 45.09 | 51.69 | 34.04 |
| C13D | 13 | 1.200 | 1.400 | 1.560 | 1.875 | 2.135 | 1.440 | 30.48 | 35.56 | 39.62 | 47.63 | 54.23 | 36.58 |
| C15D | 15 | 1.400 | 1.600 | 1.760 | 2.075 | 2.335 | 1.640 | 35.56 | 40.64 | 44.70 | 52.71 | 59.31 | 41.66 |
| C17D | 17 | 1.600 | 1.800 | 1.960 | 2.275 | 2.535 | 1.840 | 40.64 | 45.72 | 49.78 | 57.79 | 64.39 | 46.74 |
| C18D | 18 | 1.700 | 1.900 | 2.060 | 2.375 | 2.635 | 1.940 | 43.18 | 48.26 | 52.32 | 60.33 | 66.93 | 49.28 |
| C20D | 20 | 1.900 | 2.100 | 2.260 | 2.575 | 2.835 | 2.140 | 48.26 | 53.34 | 57.40 | 65.41 | 72.01 | 54.36 |
| C22D | 22 | 2.100 | 2.300 | 2.460 | 2.775 | 3.035 | 2.340 | 53.34 | 58.42 | 62.48 | 70.49 | 77.09 | 59.44 |
| C24D | 24 | 2.300 | 2.500 | 2.660 | 2.975 | 3.235 | 2.540 | 58.42 | 63.50 | 67.56 | 75.57 | 82.17 | 64.52 |
| C25D | 25 | 2.400 | 2.600 | 2.760 | 3.075 | 3.335 | 2.640 | 60.96 | 66.04 | 70.10 | 78.11 | 84.71 | 67.06 |
| C28D | 28 | 2.700 | 2.900 | 3.060 | 3.375 | 3.635 | 2.940 | 68.58 | 73.66 | 77.72 | 85.73 | 92.33 | 74.68 |
| C30D | 30 | 2.900 | 3.100 | 3.260 | 3.575 | 3.835 | 3.140 | 73.66 | 78.74 | 82.80 | 90.81 | 97.41 | 79.76 |
| C31D | 31 | 3.000 | 3.200 | 3.360 | 3.675 | 3.935 | 3.240 | 76.20 | 81.28 | 85.34 | 93.35 | 99.95 | 82.30 |
| C35D | 35 | 3.400 | 3.600 | 3.760 | 4.075 | 4.335 | 3.640 | 86.36 | 91.44 | 95.50 | 103.51 | 110.11 | 92.46 |
| C36D | 36 | 3.500 | 3.700 | 3.860 | 4.175 | 4.435 | 3.740 | 88.90 | 93.98 | 98.04 | 106.05 | 112.65 | 95.00 |
| C40D | 40 | 3.900 | 4.100 | 4.260 | 4.575 | 4.835 | 4.140 | 99.06 | 104.14 | 108.20 | 116.21 | 122.81 | 105.16 |
| C43D | 43 | 4.200 | 4.400 | 4.560 | 4.875 | 5.135 | 4.440 | 106.68 | 111.76 | 115.82 | 123.83 | 130.43 | 112.78 |
| C44D | 44 | 4.300 | 4.500 | 4.660 | 4.975 | 5.235 | 4.540 | 109.22 | 114.30 | 118.36 | 126.37 | 132.97 | 115.32 |
| C49D | 49 | 4.800 | 5.000 | 5.160 | 5.475 | 5.735 | 5.040 | 121.92 | 127.00 | 131.06 | 139.07 | 145.67 | 128.02 |
| C50D | 50 | 4.900 | 5.100 | 5.260 | 5.575 | 5.835 | 5.140 | 124.46 | 129.54 | 133.60 | 141.61 | 148.21 | 130.56 |
| C55D | 55 | 5.400 | 5.600 | 5.760 | 6.075 | 6.335 | 5.640 | 137.16 | 142.24 | 146.30 | 154.31 | 160.91 | 143.26 |
| C60D | 60 | 5.900 | 6.100 | 6.260 | 6.575 | 6.835 | 6.140 | 149.86 | 154.94 | 159.00 | 167.01 | 173.61 | 155.96 |
| C61D | 61 | 6.000 | 6.200 | 6.360 | 6.675 | 6.935 | 6.240 | 152.40 | 157.48 | 161.54 | 169.55 | 176.15 | 158.50 |
| C65D | 65 | 6.400 | 6.600 | 6.760 | 7.075 | 7.335 | 6.640 | 162.56 | 167.64 | 171.70 | 179.71 | 186.31 | 168.66 |
| C70D | 70 | 6.900 | 7.100 | 7.260 | 7.575 | 7.835 | 7.140 | 175.26 | 180.34 | 184.40 | 192.41 | 199.01 | 181.36 |



PART NUMBER CODING

MATERIALS (INSULATOR / CONTACT)

- E = PBT/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL ONLY
- R = PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- G = PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 20 SECS MAX
- H = PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: WAVE/MANUAL ONLY
- A = PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
- J = PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 20 SECS MAX

MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES (PAGE 1)
- I = #4-40 THREADED INSERT (PAGE 2)
- S = .125" DIA. SIDE MOUNTING (PAGE 2)
- N = NO MOUNTING EARS (PAGE 2)

TERMINATION

- PB = DOUBLE POINT .100[2.54mm] TAIL LENGTH
- PG = DOUBLE POINT .140[3.56mm] TAIL LENGTH
- PE = DOUBLE POINT .180[4.57mm] TAIL LENGTH
- PU = DOUBLE POINT .250[6.35mm] TAIL LENGTH
- PJ = DOUBLE POINT .500[12.70mm] TAIL LENGTH

NUMBER OF POSITIONS (CONTACTS PER ROW)

PLATING

- ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE
- CONTACT SURFACE**
- B = .000010" GOLD
- C = .000030" GOLD
- TERMINATION**
- .000100" PURE TIN, MATTE
- .000100" PURE TIN, MATTE



CUSTOMER COPY

| | | | | | | |
|-------------------------------------------------------------------------------|--|-------|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] | | DRAWN | DATE | NAME | | |
| | | | 10/29/12 | JH | | |
| TOLERANCES: | | | | | THE INFORMATION HEREIN CONTAINS PROPRIETARY 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. | |
| ANGULAR: ± 1° | | | | | TITLE EDGE CARD, .100 CC HP | |
| DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013] | | | | | PART NUMBER C D (PB,PE,PG,PJ,PU,PP) | |
| SCALE: 4:1 | | SIZE | CAGE CODE | DWG. NO. | REV | |
| | | C | 54453 | C11116 | C | |
| | | | | | SHEET 3 OF 3 | |