

NOTES:

1 A COMBINATION OF STEP 1 AND STEP 2 EQUALS THE CONNECTOR SIZE USED IN STEP 7.  
EXAMPLE: 208, 330

| REV | DESCRIPTION          | BY DATE            | APPD |
|-----|----------------------|--------------------|------|
| A   | RELEASED PER ECR7264 | C.M.B.<br>04/05/02 | LMD  |

**POWER CONNECTOR SYSTEM CODE ORDER CHART**



1 STEP 1 No. OF ROWS

| CODE | DESCRIPTION |
|------|-------------|
| 1    | ONE ROW     |
| 2    | TWO ROWS    |
| 3    | THREE ROWS  |

1 STEP 2 No. CONTACTS

| ROW | TOTAL CONTACTS     |
|-----|--------------------|
| 1   | 03, 04, 06, 08     |
| 2   | 06, 08, 12, 16     |
| 3   | 09, 12, 18, 24, 30 |

STEP 3 CONNECTOR TYPE

| CODE | DESCRIPTION |
|------|-------------|
| P    | PIN         |
| S    | SOCKET      |

STEP 4 CONTACT TPYE/CONNECTOR STYLE

| CODE | DESCRIPTION  |
|------|--|
| 11   | Crimp or Solder Removable Contacts for Cable Connectors                                      |
| 21   | Crimp or Solder Removable Contacts for Panel Mount Connectors                                |
| 31   | Solder Cup Contacts(18AWG) for Panel Mounted Board-type Connectors                           |
| 41   | Straight Dip Solder Contacts w/.146 Tail Extension for Board Mount Connectors                |
| 42   | Straight Dip Solder Contacts w/.377 Tail Extension for Board Mount Connectors                |
| 51   | Right Angle Dip Solder Contacts w/.146 Tail Extension for Board Mount Connectors             |
| 52   | Right Angle Dip Solder Contacts w/.377 Tail Extension for Board Mount Connectors             |
| 61   | Straight Compliant Contacts w/.250 Tail Extension for Board Mount Connectors (Ø.080 BD Hole) |
| 71   | Straight Compliant Contacts w/.250 Tail Extension for Board Mount Connectors (Ø.064 BD Hole) |

1 STEP 7 CONTACT LOADING

| CODE | CONN SIZE | DESCRIPTION  |
|------|-----------|--|
| 0    | ALL       | Fully Loaded in all Positions with Pin Contacts .290 Lg Mating End   |
| 1    | ALL       | Fully Loaded in all Positions with Pin Contacts .250 Lg Mating End   |
| 2    | 208       | Loaded with Pin Contacts in positions 1, 3, 4, 5, 7 & 8 only<br>Pins 1 & 5 = .330 Lg Mating End<br>Pins 4 & 7 = .290 Lg Mating End<br>Pins 3 & 8 = .250 Lg Mating End                                  |
| 3    | 330       | Fully Loaded with Pin Contacts<br>Pin 28 = .310 Lg Mating End<br>All Other Pins = .250 Lg Mating End   |
| 4    | 330       | Fully Loaded in all Positions with Socket Contacts   |
| 5    | 208       | Loaded with Socket Contacts in Positions 1, 3, 4, 5, 7 & 8 only  |
| 6    | 330       | Fully Loaded with Pin Contacts<br>Pins 2, 3, 12, 13, 23 & 24 = .330 Lg Mating End<br>Pins 1, 4 thru 11, 14 thru 19, 21, 22, 25 thru 28, & 30 = .290 Lg Mating End<br>Pins 20 & 29 = .250 Lg Mating End |

STEP 6 MOUNTING OPTIONS

| CODE | DESCRIPTION                      |
|------|----------------------------------|
| 1    | None                             |
| 2    | Right Angle Bracket - Snap Mount |
| 3    | Mounting Rivet - Straight Coin   |
| 4    | Right Angle Bracket - Thru Hole  |

STEP 5 CONTACT PLATING

| CODE | DESCRIPTION  |
|------|--|
| A    | 10 Microinches Gold over Nickel  |
| B    | 30 Microinches Gold over Nickel  |
| C    | 30 Microinches Gold over Nickel on Mating End, Solder Coating on Termination End |

|  |                  |                  |      |
|--|------------------|------------------|------|
| PER ASME Y14.5M-1994<br>UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES OR INCHES/MM |                  |                  |      |
| TOLERANCES:<br>DECIMALS .XX ± N/A<br>.XXX ± N/A  |                  |                  |      |
| ANGLES ±N/A  |                  | SCALE: N/A       |      |
| <b>CUSTOMER DRAWING</b>  |                  |                  |      |
| DRAWN<br>BAS   | DATE<br>03/20/00 | APPROVED<br>DATE | DATE |
| APPROVED<br>LMD  | DATE<br>04/5/02  | APPROVED<br>DATE | DATE |

|  |       |             |           |
|--|-------|-------------|-----------|
| <b>NORTHROP GRUMMAN</b>  |       |             |           |
| Winchester Electronics<br>400 Park Road<br>Waterbury, CT 06796 |       |             |           |
| TITLE<br>POWER CONNECTOR CODE ORDER CHART                      |       |             |           |
| A  | 26450 | SHT. 1 OF 1 | REV.<br>A |