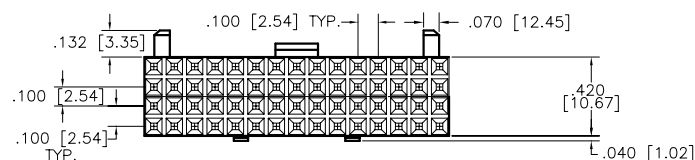
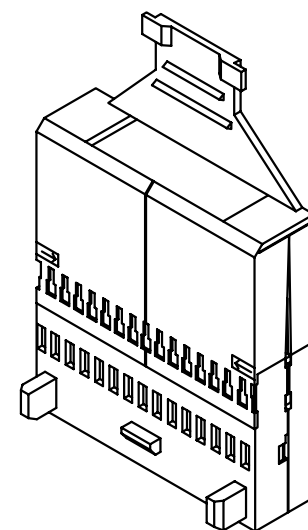
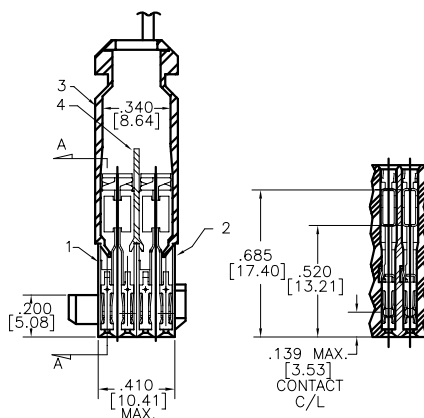
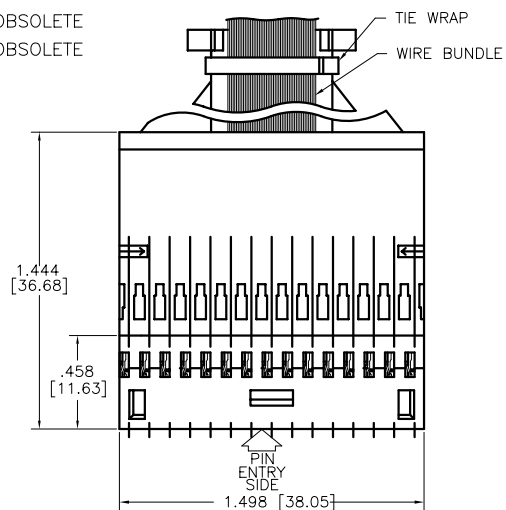


## PRODUCT NUMBER

|            |          |
|------------|----------|
| A0378336   | OBSOLETE |
| A0378336LF | OBSOLETE |
| A0613575   | OBSOLETE |
| A0613575LF |          |



## FEATURES:





- \* .100" (2.54 mm) GRID - 4 ROWS
- \* 60 CONTACTS
- \* STACKABLE ASSEMBLY (SIDE TO SIDE)
- \* MADE FROM 2 RECEPTACLES, ASSEMBLED WITH INSIDE AND OUTSIDE COVER AFTER WIRING
- \* PADDLE FOR TOP WIRE MANAGEMENT
- \* TIE-WRAP RETENTION CLIP FOR WIRE BUNDLING
- \* BIFURCATED CONTACT DESIGN (N/S ORIENTATION)
- \* SELECTIVELY PLATED GOLD CONTACT
- \* POLARIZED KEYING FEATURES
- \* IDC WITH STRAIN RELIEF FOR 24-26 AWG WIRE
- \* INTENDED FOR USE WITH .025/.064 SQUARE PINS

## ASSOCIATED COMPONENTS:

- \* APPLICATION TOOLING
  - NT-230 DESKTOP SEMI-AUTOMATIC CRIMPING MACHINE
  - HT-138F CRIMPING HAND TOOL

## OPTIONS:

- \* EACH OF THE TWO RECEPTACLES AND THE OUTSIDE COVER ARE AVAILABLE SEPARATELY

|             |                |     |            |   |              |                  |            |   |  |                        |  |                  |  |
|-------------|----------------|-----|------------|---|--------------|------------------|------------|---|--|------------------------|--|------------------|--|
| mat'l. code |                |     |            | surface   |              | tolerance        |            | projection  |  | product family         |  |                  |  |
| NOTE 1      |                |     |            | ASME Y14.5  |              | ASME Y14.5       |            |  |  | NORCON                 |  |                  |  |
| ltr         | ec'n no        | dr  | date       | tolerances unless otherwise specified   |              |                  |            |  |  | title                  |  |                  |  |
| C           | V05-0916       | HTB | 2005-10-03 | angles  |              | XXX +.005/XX+.13 |            |   |  | CABLE CONNECTORS-CID07 |  |                  |  |
| D           | V06-0087       | HTB | 2006-01-27 |  |              | scale N.T.S.     |            | 4x15 STACKABLE .100" GRID   |  |                        |  |                  |  |
| E           | V06-0662       | JRV | 2006-07-07 |   |              |                  |            | dwg no  |  |                        |  |                  |  |
| F           | V06-0988       | HTB | 2006-09-26 | dr  | T. BREWBAKER |                  | 2005-10-03 |  |  | sheet 1 of 2           |  | size             |  |
| G           | V06-1167       | HTB | 2006-11-27 | engr  | T. BREWBAKER |                  | 2005-10-03 |   |  | 54315                  |  | A                |  |
| H           | V07-0477       | HTB | 2007-07-18 | chr   | T. BREWBAKER |                  | 2005-10-03 |   |  | type                   |  | CUSTOMER Drawing |  |
|             |                |     |            | appd  | T. BREWBAKER |                  | 2005-10-03 |   |  |                        |  |                  |  |
| sheet index | revision sheet | H   | H          |   |              |                  |            |   |  |                        |  |                  |  |
|             | 1              | 2   |            |   |              |                  |            |   |  |                        |  |                  |  |

| PRODUCT NO. | ENG. CODE        | DESCRIPTION                                  | ITEMS INCLUDED |
|-------------|------------------|--|----------------|
| A0378336    | CID07DB60AB100   | 60 POSITIONS (4x15)                          | 1, 2, 3, 4     |
| A0378336LF  | —                | 60 POSITIONS (4x15)                          | 1, 2, 3, 4     |
| A0613575    | CID07DB60AB100L1 | 60 POSITIONS (4x15)<br>WITHOUT OUTSIDE COVER | 1, 2, 4        |
| A0613575LF  | —                | 60 POSITIONS (4x15)<br>WITHOUT OUTSIDE COVER | 1, 2, 4        |

## ASSOCIATED COMPONENTS INCLUDED:

| ITEM | DESCRIPTION                               |
|------|---|
| 1    | FRONT CONNECTOR ASSEMBLY<br>NON-POLARIZED |
| 2    | BACK CONNECTOR ASSEMBLY                   |
| 3    | OUTSIDE COVER                             |
| 4    | INSIDE COVER                              |

## NOTES:

- ① HOUSING MATERIAL: PBT, GLASS FIBER REINFORCED,  
FLAME RETARDANT PER UL 94V-0,  
COLOR: BLACK.

TERMINAL MATERIAL: CA510 ALLOY  
CONTACT FINISH: 50u"/1.27u Au  
CONTACT UNDERPLATE: 100u"/2.54u Ni  
IDC FINISH: 50u"/1.27u Ni  
OVERALL UNDERPLATE: 20u"/0.51u Ni

2. PACKAGED IN ANTI-STATIC TRAYS.
3. PART NUMBERS WITH AN LF SUFFIX MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
4. THIS PRODUCT IS NOT INTENDED TO BE EXPOSED TO MANUFACTURING SOLDER PROCESSES.

## SPECIFICATIONS—MECHANICAL:

- \* INSERTION FORCE — 150 G/CONTACT MAX
- \* WITHDRAWAL FORCE: 20 G/CONTACT MIN
- \* CONTACT RETENTION: 1200 G/CONTACT MIN
- \* CONTACT NORMAL FORCE: 120 G/CONTACT MIN
- \* DURABILITY — 200 CYCLES
- \* OPERATING TEMPERATURE: -55°C TO +85°C

## SPECIFICATIONS—ELECTRICAL:

- \* CURRENT RATING(CONTINUOUS): 1 AMP/CONTACT MAX
- \* CONTACT RESISTANCE: 20 MILLIOHMS MAX
- \* INSULATION RESISTANCE: 5000 MEGOHMS MIN
- \* DIELECTRIC WITHSTAND VOLTAGE: 1000V RMS

|             |          |    |      |                                       |                         |              |   |
|-------------|----------|----|------|---------------------------------------|-------------------------|--------------|---|
| mat'l. code |          |    |      | surface                               | tolerance               | projection   | product family                                      |
| NOTE 1      |          |    |      | ASME Y14.5                            | ASME Y14.5              |              | NORCON  |
| ltr         | ecr no   | dr | date | tolerances unless otherwise specified |                         |              | title   |
| H           |          |    |      | angles                                | XXX ±0.05/XX±.13        | INCH/MM      | CABLE CONNECTORS—CID07<br>4x15 STACKABLE .100" GRID |
|             |          |    |      | dr                                    | T. BREWBAKER 2005-10-03 | scale N.T.S. | dwg no  |
|             |          |    |      | engr                                  | T. BREWBAKER 2005-10-03 | FCI          | sheet 2 of 2  |
|             |          |    |      | chr                                   | T. BREWBAKER 2005-10-03 |              | size  |
|             |          |    |      | appd                                  | T. BREWBAKER 2005-10-03 |              | A4  |
| sheet       | revision |    |      |                                       |                         |              | type  |
| index       | sheet    |    |      |                                       |                         |              | CUSTOMER Drawing                                    |