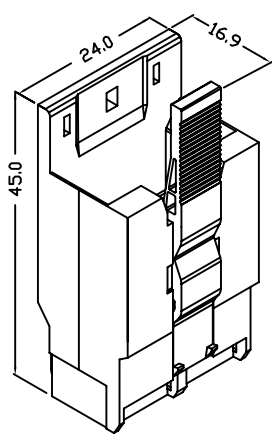
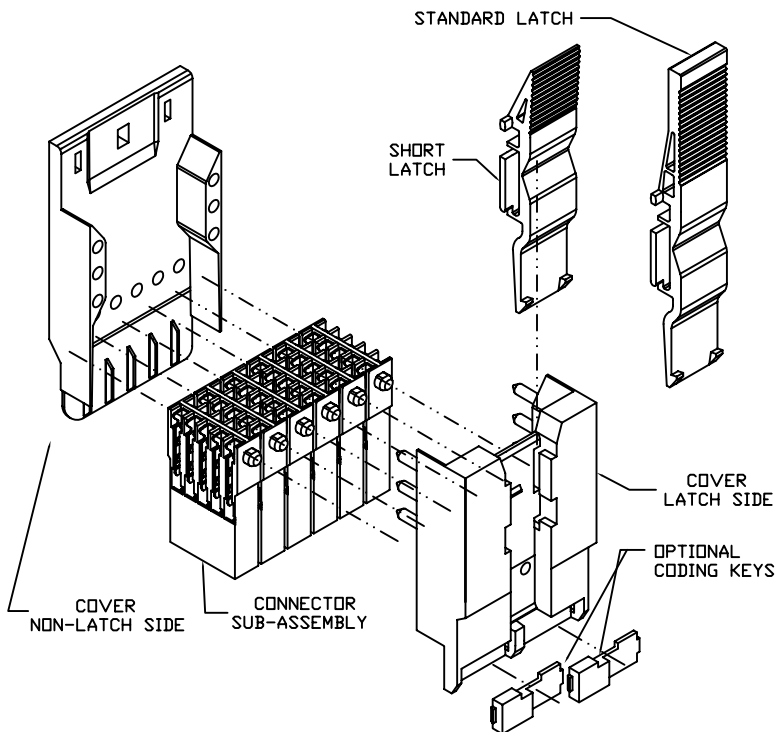


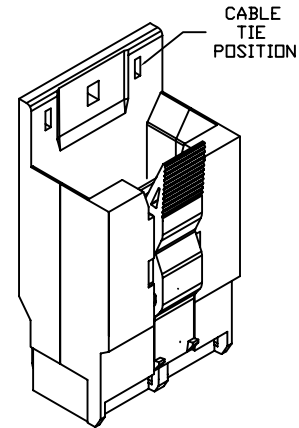
PRODUCT NUMBER  
72479-WXY1  
72479-WXY1LF

PRODUCT NO.  
72479-W1Y1

PRODUCT NO.  
72479-W2Y1



STANDARD LATCH FINGER  
FOR CABLE TIE BELOW  
LATCH FINGER AND EASIEST  
ACCESS TO LATCH FINGER



SHORT LATCH FINGER  
FOR CABLE TIE ABOVE  
LATCH FINGER AND LARGER  
CABLE SIZE CAPACITY

| mat'l. code |          |     |            | surface                               |             | tolerance  | projection | product family      |  |
|-------------|----------|-----|------------|---------------------------------------|-------------|------------|------------|---------------------|--|
| SEE NOTES   |          |     |            | ASME Y14.5                            | ✓           | ASME Y14.5 |            | METRAL CABLE        |  |
| ltr         | ec'n no  | dr  | date       | tolerances unless otherwise specified |             |            | MM         | title               |  |
| A           | V71561   | JRV | 11/5/97    | angles                                | line        | X ±1       |            | 5X12 UNSHIELDED     |  |
| B           | V12695   | EPK | 11/14/01   |                                       |             | .XX ±05    | scale 1:1  | CABLE CONNECTOR KIT |  |
| C           | V03-0827 | HTB | 7/24/03    | 0° ±2°                                |             | .XXX ±020  |            | dwg no              |  |
| D           | V05-0599 | VS  | 9/8/05     | dr                                    | J. VOLSTORF | 11/5/97    | FCI        | sheet 1 of 3        |  |
| E           | V06-0613 | JRV | 2006-06-22 | engr                                  | J. VOLSTORF | 11/5/97    |            | 72479               |  |
|             |          |     |            | chr                                   | J. VOLSTORF | 11/5/97    |            | size                |  |
|             |          |     |            | appd                                  | J. VOLSTORF | 11/5/97    |            | A4                  |  |
| sheet       | revision | E   | E          | E                                     |             |            |            | type                |  |
| index       | sheet    | 1   | 2          | 3                                     |             |            |            | CUSTOMER Drawing    |  |

PRODUCT NUMBER  
 72479-WXY1

## NOTES:

- SEE APPLICATION SPECIFICATION  
GS-20-003 FOR INSTRUCTIONS  
ON WIRE INSERTION AND ASSEMBLY  
OF COMPONENTS FOR CONNECTORS.
- PLUGS INTO STANDARD METRAL 5-ROW  
HEADERS AND SHROUDS.
- MAXIMUM CABLE DIAMETER  
STANDARD LATCH = 9.5mm  
SHORT LATCH = 11.5mm  
\* THE USE OF MULTIPLE CABLES OR THE  
STRIPPING OF THE CABLE JACKET WILL  
ALLOW THE USER TO OVERCOME SOME  
RESTRICTIONS.
- THE PRODUCTS WHERE THE PART NUMBERS END IN LF  
MEET THE EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THESE PRODUCTS LISTED ON THIS DRAWING WILL NOT  
WITHSTAND WAVE SOLDER OR REFLOW OPERATIONS.
- FOR LEADFREE PART NUMBERS, ADD AN 'LF' SUFFIX.  
EXAMPLE:72479-WXY1LF

ORDERING INFORMATION FOR KITS AND PARTS  
 EACH KIT (CONNECTOR) CONSIST OF:  
 6 CONNECTOR SUB-ASSEMBLIES  
 1 COVER, NON-LATCH SIDE  
 1 COVER, LATCH SIDE  
 1 LATCH FINGER

ORDER KITS 72479-WXY1 WHERE

PLATING ON CONTACT AREA.

W=1 FOR 0.8 um GOLD  
 W=2 FOR 2.0 um GOLD  
 W=3 FOR 1.3 um GOLD  
 W=9 FOR 0.8 um GXT

LATCH FINGER SIZE

X=0 FOR NO LATCH  
 X=1 FOR STANDARD LATCH FINGER  
 X=2 FOR SHORT LATCH FINGER

COPPER WIRE SIZE

Y=1 FOR 26 TO 24 GAGE  
 Y=2 FOR 30 TO 28 GAGE

## MATERIAL

INSULATORS, COVERS AND KEYS  
 GLASS FILLED 612 POLYAMIDE (UL 94 V-0)  
 LATCH FINGERS  
 POLYETHERIMIDE (UL 94 V-0)  
 CONTACTS  
 PHOSPHOR BRONZE  
 SnPb FINISH ON IDC DIMPLES

## OPTIONAL CODING KEYS

PART NUMBER 72388-0AA1  
 18 VARIETIES AA = 01 TO 18  
 USE IN CONJUNCTIONS WITH HEADER CODING  
 KEYS 70274-001 KEYS 1 TO 18 RESPECTIVELY

## COMPONENT PART NUMBERS AND INFORMATION

CONNECTOR SUBASSEMBLY  
 PART NUMBER 72387-W0Y1  
 \* 6 REQUIRED PER CONNECTOR  
 PLATING ON CONTACT AREA.  
 W=1 FOR 0.8 um GOLD  
 W=2 FOR 2.0 um GOLD  
 W=3 FOR 1.3 um GOLD  
 W=9 FOR 0.8 um GXT  
 COPPER WIRE SIZE  
 Y=1 FOR 26 TO 24 GAGE  
 Y=2 FOR 30 TO 28 GAGE

COVER, NON-LATCH SIDE  
 PART NUMBER 72512-0011

COVER, LATCH SIDE  
 PART NUMBER 72512-0021

SHORT LATCH FINGER  
 PART NUMBER 72389-0011

STANDARD LATCH FINGER  
 PART NUMBER 70289-001

| mat'l. code |          |    |      | surface                               |             | tolerance  | projection                                                                            | product family                         |  |
|-------------|----------|----|------|---------------------------------------|-------------|------------|---------------------------------------------------------------------------------------|----------------------------------------|--|
| SEE NOTES   |          |    |      | ASME Y14.5                            | ASME Y14.5  | ASME Y14.5 |                                                                                       | METRAL CABLE                           |  |
| ltr         | ecr no   | dr | date | tolerances unless otherwise specified |             |            | MM                                                                                    | title                                  |  |
| E           |          |    |      | angles                                | XX ±05      | XXX ±020   |                                                                                       | 5X12 UNSHIELDED<br>CABLE CONNECTOR KIT |  |
|             |          |    |      | dr                                    | J. VOLSTORF | 11/5/97    |  | dwg no                                 |  |
|             |          |    |      | engr                                  | J. VOLSTORF | 11/5/97    |                                                                                       | sheet 2 of 3                           |  |
|             |          |    |      | chr                                   | J. VOLSTORF | 11/5/97    |                                                                                       | 72479                                  |  |
|             |          |    |      | appd                                  | J. VOLSTORF | 11/5/97    |                                                                                       | type                                   |  |
| sheet       | revision |    |      |                                       |             |            |                                                                                       | CUSTOMER Drawing                       |  |
| index       | sheet    |    |      |                                       |             |            |                                                                                       |                                        |  |

PRODUCT NUMBER  
 72479-WXY1LF

SEE NOTE 6

ORDERING INFORMATION FOR KITS AND PARTS  
 EACH KIT (CONNECTOR) CONSIST OF:  
 6 CONNECTOR SUB-ASSEMBLIES  
 1 COVER, NON-LATCH SIDE  
 1 COVER, LATCH SIDE  
 1 LATCH FINGER

ORDER KITS 72479-WXY1LF WHERE  
 PLATING ON CONTACT AREA.  
 W=1 FOR 0.8 um GOLD  
 W=2 FOR 2.0 um GOLD  
 W=3 FOR 1.3 um GOLD  
 W=9 FOR 0.8 um GXT

LATCH FINGER SIZE  
 X=0 FOR NO LATCH  
 X=1 FOR STANDARD LATCH FINGER  
 X=2 FOR SHORT LATCH FINGER

COPPER WIRE SIZE  
 Y=1 FOR 26 TO 24 GAGE  
 Y=2 FOR 30 TO 28 GAGE

## MATERIAL

INSULATORS, COVERS AND KEYS  
 GLASS FILLED 612 POLYAMIDE (UL 94 V-0)  
 LATCH FINGERS  
 POLYETHERIMIDE (UL 94 V-0)  
 CONTACTS  
 PHOSPHOR BRONZE  
 SN SOLDER FINISH ON IDC DIMPLES (LEAD FREE)

## OPTIONAL CODING KEYS

PART NUMBER 72388-0AA1LF  
 18 VARIETIES AA = 01 TO 18  
 USE IN CONJUNCTIONS WITH HEADER CODING  
 KEYS 70274-001 KEYS 1 TO 18 RESPECTIVELY

## COMPONENT PART NUMBERS AND INFORMATION

CONNECTOR SUBASSEMBLY  
 PART NUMBER 72387-W0Y1LF  
 \* 6 REQUIRED PER CONNECTOR  
 PLATING ON CONTACT AREA.  
 W=1 FOR 0.8 um GOLD  
 W=2 FOR 2.0 um GOLD  
 W=3 FOR 1.3 um GOLD  
 W=9 FOR 0.8 um GXT  
 COPPER WIRE SIZE  
 Y=1 FOR 26 TO 24 GAGE  
 Y=2 FOR 30 TO 28 GAGE

COVER, NON-LATCH SIDE      COVER, LATCH SIDE  
 PART NUMBER 72512-0011LF      PART NUMBER 72512-0021LF  
 SHORT LATCH FINGER      STANDARD LATCH FINGER  
 PART NUMBER 72389-0011LF      PART NUMBER 70289-001LF

| mat'l. code |          |    |      | surface                               |             | tolerance                  | projection                                                                            | product family                         |                   |
|-------------|----------|----|------|---------------------------------------|-------------|----------------------------|---------------------------------------------------------------------------------------|----------------------------------------|-------------------|
| SEE NOTES   |          |    |      | ASME Y14.5                            |             | ASME Y14.5                 |  | METRAL CABLE                           |                   |
| ltr         | ecn no   | dr | date | tolerances unless otherwise specified |             |                            |                                                                                       | title                                  |                   |
| E           |          |    |      | angles                                | to feature  | X *1<br>XX *05<br>XXX *020 | MM                                                                                    | 5X12 UNSHIELDED<br>CABLE CONNECTOR KIT |                   |
|             |          |    |      | dr                                    | J. VOLSTORF | 11/5/97                    | scale 1:1                                                                             | dwg no                                 | sheet 3 of 3 size |
|             |          |    |      | engr                                  | J. VOLSTORF | 11/5/97                    |  | 72479                                  | A4                |
|             |          |    |      | chr                                   | J. VOLSTORF | 11/5/97                    |                                                                                       | type                                   | CUSTOMER Drawing  |
|             |          |    |      | appd                                  | J. VOLSTORF | 11/5/97                    |                                                                                       |                                        |                   |
| sheet       | revision |    |      |                                       |             |                            |                                                                                       |                                        |                   |
| index       | sheet    |    |      |                                       |             |                            |                                                                                       |                                        |                   |