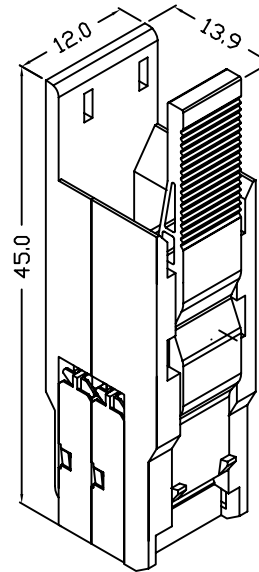
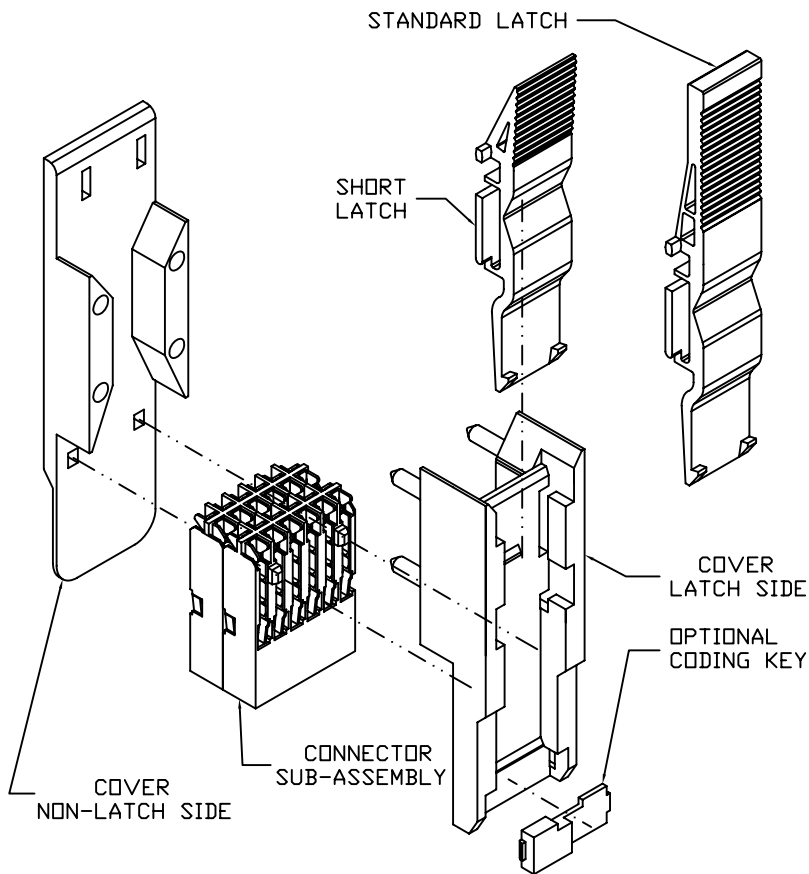


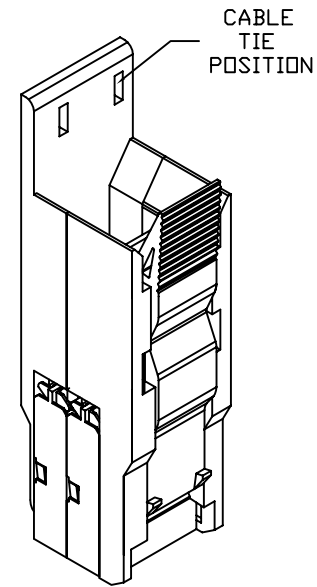
| |
|--------------|
| PRODUCT NO. |
| 72476-WXY1 |
| 72476-WXY1LF |

PRODUCT NO.
72476-W1Y1

PRODUCT NO.
72476-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 | | | | | | title | |
| A | V71561 | JRV | 11/5/97 | angles | | X #3 | | MM | | 4X6 UNSHIELDED CABLE CONNECTOR KIT | |
| B | V12695 | EPK | 11/14/01 | | | .XX ±.B | | | | dwg no | |
| C | V05-0599 | VS | 09/08/05 | 0° ±2' | | .XXX ±.051 | | scale 1:1 | | sheet 1 of 3 | |
| D | V06-0613 | JRV | 2006-06-22 | dr | J.VOLSTROF | 11/5/97 | | | size | | |
| | | | | engr | J.VOLSTROF | 11/5/97 | | | A4 | | |
| | | | | chr | J.VOLSTROF | 11/5/97 | | | 72476 | | |
| | | | | appd | J.VOLSTROF | 11/5/97 | | | CUSTOMER Drawing | | |
| sheet | revision | D | D | D | | | | | | | |
| index | sheet | 1 | 2 | 3 | | | | | | | |

PRODUCT NO.
72476-WXY1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-002 FOR INSTRUCTIONS ON WIRE INSERTION AND ASSEMBLY OF COMPONENTS FOR CONNECTORS.
2. PLUGS INTO STANDARD METRAL 4-ROW HEADERS AND SHROUDS.
3. MAXIMUM CABLE DIAMETER
STANDARD LATCH = 6.0mm
SHORT LATCH = 9.0mm
* THE USE OF MULTIPLE CABLES OR THE STRIPPING OF THE CABLE JACKET WILL ALLOW THE USER TO OVERCOME SOME RESTRICTIONS.
4. THE PRODUCTS WHERE THE PART NUMBERS END IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THESE PRODUCTS LISTED ON THIS DRAWING WILL NOT WITHSTAND WAVE SOLDER OR REFLOW OPERATIONS.
- ⑥ FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX.
EXAMPLE: 72476-WXY1LF

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

ORDER KITS 72476-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=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-OAA1
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 72394-W1Y1
* 2 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, LATCH SIDE COVER, NON-LATCH SIDE
PART NUMBER 72395-0021 PART NUMBER 72395-0011
SHORT LATCH FINGER STANDARD LATCH FINGER
PART NUMBER 72389-0011 PART NUMBER 70289-001

| | | | | | | | | | |
|-------------|----------|------------|------------|---------------------------------------|----------|------------|--|---------------------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| SEE NOTES | | ASME Y14.5 | | ASME Y14.5 | | | | METRAL CABLE | |
| ltr | ecr no | dr | date | tolerances unless otherwise specified | | MM | | title | |
| d | | | | angles | X #3 | ← | | 4X6 UNSHIELDED CABLE CONNECTOR KIT | |
| | | | | fin | XX #18 | scale 1:1 | | dwg no | |
| | | | | 0' ±2' | XXX #051 | | | sheet 2 of 3 | |
| | | dr | J.VOLSTROF | | 11/5/97 | | | 72476 | |
| | | engr | J.VOLSTROF | | 11/5/97 | | | size | |
| | | chr | J.VOLSTROF | | 11/5/97 | | | A4 | |
| | | appd | J.VOLSTROF | | 11/5/97 | | | type | |
| sheet | revision | | | | | | | CUSTOMER Drawing | |
| index | sheet | | | | | | | | |

PRODUCT NO.
72476-WXY1LF

SEE NOTE 6

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

ORDER KITS 72476-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=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-OAA1LF
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 72394-W1Y1LF
* 2 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, LATCH SIDE COVER, NON-LATCH SIDE
PART NUMBER 72395-0021LF PART NUMBER 72395-0011LF
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 | |
| d | | | | angles | X +3 | | | | 4X6 UNSHIELDED | | |
| | | | | 0° ±2' | .XX ±.B | | scale 1:1 | | CABLE CONNECTOR KIT | | |
| | | | | dr | J.VOLSTROF | 11/5/97 | | | dwg no | | |
| | | | | engr | J.VOLSTROF | 11/5/97 | | | sheet 3 of 3 | | |
| | | | | chr | J.VOLSTROF | 11/5/97 | | | 72476 | | |
| | | | | appd | J.VOLSTROF | 11/5/97 | | | size A4 | | |
| sheet | revision | | | | | | | | type CUSTOMER Drawing | | |
| index | sheet | | | | | | | | | | |