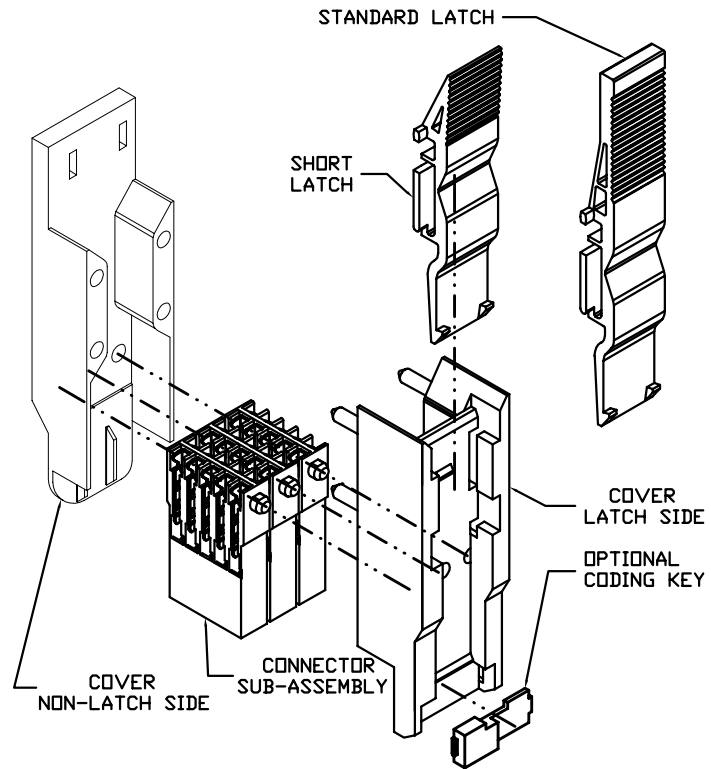
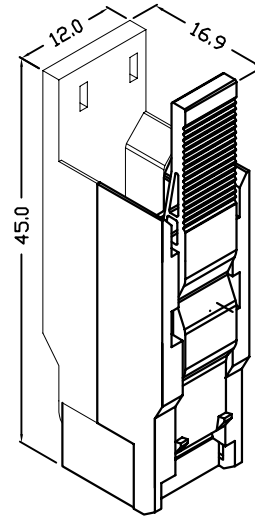


PRODUCT NO.
72478-WXY1
72478-WXY1LF

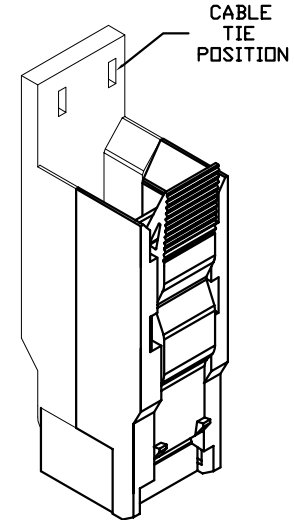


PRODUCT NO.
72478-W1Y1



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

PRODUCT NO.
72478-W2Y1



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	X ±3	1:1		5X6 UNSHIELDED CABLE CONNECTOR KIT	
B	V12695	EPK	11/14/01	line	XX ±.18			sheet 1 of 3	
C	V05-0599	VS	09/08/05	0° ±2'	XXX ±.051			size	
D	V06-0618	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97	FCJ		72478
				enr	J.VOLSTROF	11/5/97	type		CUSTOMER Drawing
				chr	J.VOLSTROF	11/5/97			
				appd	J.VOLSTROF	11/5/97			
sheet	revision	D	D	D					
index	sheet	1	2	3					

PRODUCT NO.
72478-WXY1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-003 FOR INSTRUCTIONS ON WIRE INSERTION AND ASSEMBLY OF COMPONENTS FOR CONNECTORS.
2. PLUGS INTO STANDARD METRAL 5-ROW HEADERS AND SHROUDS.
3. MAXIMUM CABLE DIAMETER
STANDARD LATCH = 7.0mm
SHORT LATCH = 11.0mm
* 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 LEADFREE PART NUMBERS, ADD AN 'LF' SUFFIX.
EXAMPLE: 75478-WXY1LF

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

ORDER KITS 72478-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 72388-0AA1
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-WOY1
* 3 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 72390-0021 PART NUMBER 72390-0011
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	MM		5X6 UNSHIELDED	
				0° ±2'	XX *18	scale 1:1		CABLE CONNECTOR KIT	
				dr	J.VOLSTROF	11/5/97			dwg no
				enrg	J.VOLSTROF	11/5/97			sheet 2 of 3
				chr	J.VOLSTROF	11/5/97			72478
				appd	J.VOLSTROF	11/5/97			size A4
sheet	revision								type
index	sheet								CUSTOMER Drawing

PRODUCT NO.
72478-WXY1LF

SEE NOTE 6

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

ORDER KITS 72478-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 72388-0AA1LF
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-WOY1LF
* 3 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 72390-0021LF PART NUMBER 72390-0011LF

SHORT LATCH FINGER STANDARD LATCH FINGER
PART NUMBER 72389-0011LF PART NUMBER 70289-001LF

mat'l code SEE NOTES		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family METRAL CABLE
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
D				angles X ±3 XX ±18 0° ±2'	5X6 UNSHIELDED CABLE CONNECTOR KIT
				dr J.VOLSTROF 11/5/97	scale 1:1
				enr J.VOLSTROF 11/5/97	FCJ
				chr J.VOLSTROF 11/5/97	dwg no 72478 sheet 3 of 3 size A4
				appd J.VOLSTROF 11/5/97	type CUSTOMER Drawing
sheet index	revision sheet				