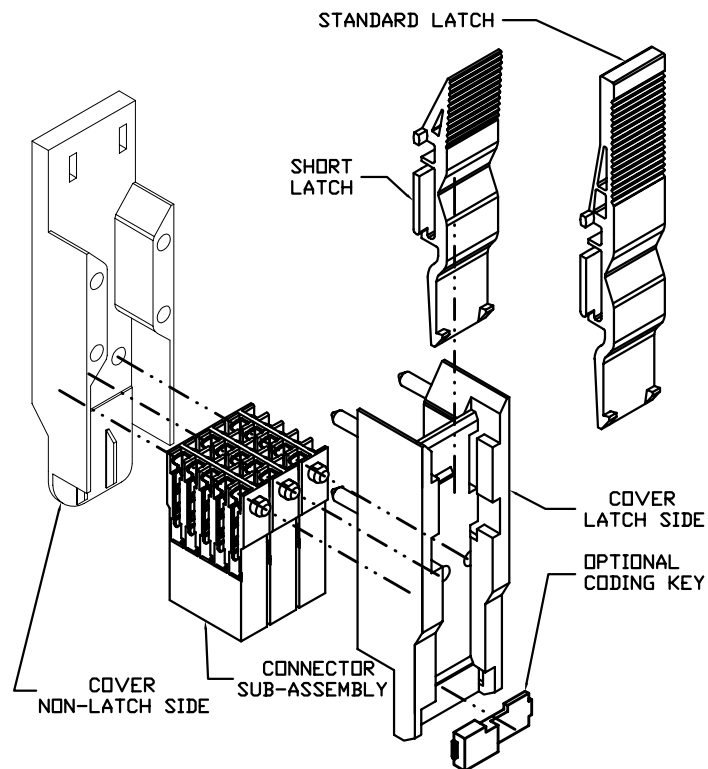
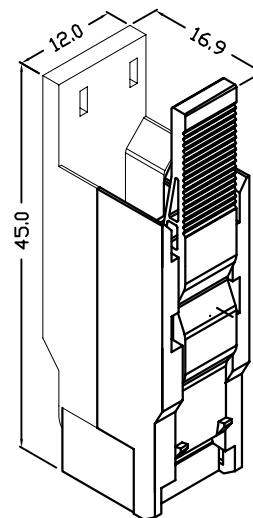


PRODUCT NO.
72478-WXY1
72478-WXY1LF

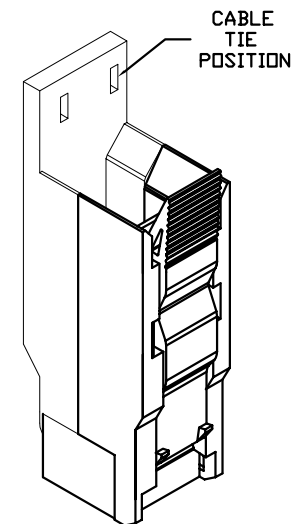


PRODUCT NO.
72478-W1Y1



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 SEE NOTES				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM	product family METRAL CABLE			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title 5X6 UNSHIELDED CABLE CONNECTOR KIT			
A	V71561	JRV	11/5/97	angles	X ±3					
B	V12695	EPK	11/14/01	line	XX ±18					
C	V05-0599	VS	09/08/05	0° ±2°	XXX ±0.01	scale 1:1				
D	V06-0618	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97	FCI			
				enr	J.VOLSTROF	11/5/97				
				chr	J.VOLSTROF	11/5/97				
				appd	J.VOLSTROF	11/5/97				
sheet	revision	D	D	D			dwg no			
index	sheet	1	2	3			sheet 1 of 3			
							72478			
							type			
							CUSTOMER Drawing			

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-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 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	ecn no	dr	date	tolerances unless otherwise specified				title		
D				angles	line	X *3	MM	5X6 UNSHIELDED		
						XX *18		CABLE CONNECTOR KIT		
				0° ±2°		XXX *051	scale 1:1			
				dr	J.VOLSTROF	11/5/97		dwg no		
				engr	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 index		revision sheet						type 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 μ m GOLD
- W=2 FOR 2.0 μ m GOLD
- W=3 FOR 1.3 μ m GOLD
- W=9 FOR 0.8 μ m 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-W0Y1LF

* 3 REQUIRED PER CONNECTOR

PLATING ON CONTACT AREA.

- W=1 FOR 0.8 μ m GOLD
- W=2 FOR 2.0 μ m GOLD
- W=3 FOR 1.3 μ m GOLD
- W=9 FOR 0.8 μ m GXT

COPPER WIRE SIZE

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

COVER, LATCH SIDE

PART NUMBER 72390-0021LF

COVER, NON-LATCH SIDE

PART NUMBER 72390-0011LF

SHORT LATCH FINGER

PART NUMBER 72389-0011LF

STANDARD LATCH FINGER

PART NUMBER 70289-001LF

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				title			
D				angles	line	X *3	MM	5X6 UNSHIELDED			
						XX *18		CABLE CONNECTOR KIT			
				0° ±2°		XXX *051	scale 1:1	dwg no			
				dr	J.VOLSTROF	11/5/97	FCI	sheet 3 of 3			
				enrg	J.VOLSTROF	11/5/97		72478			
				chr	J.VOLSTROF	11/5/97		A4			
				appd	J.VOLSTROF	11/5/97		type			
sheet	revision							CUSTOMER Drawing			
index	sheet										