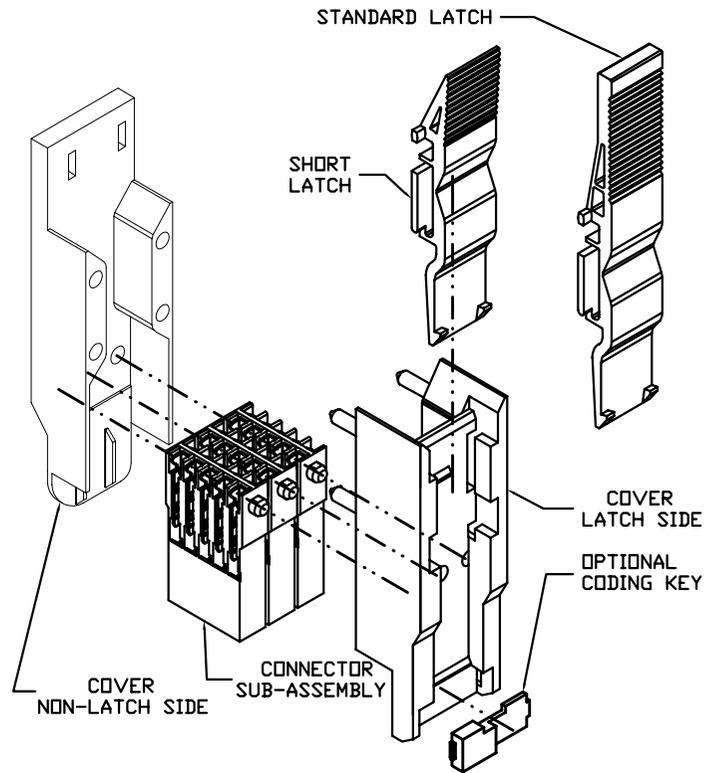
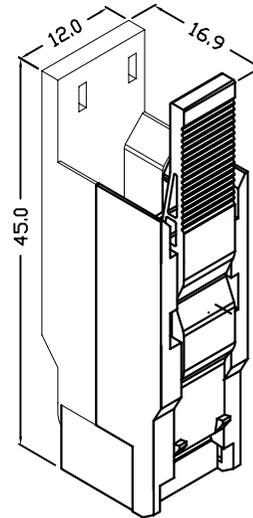


PRODUCT NO.
72478-WXY1
72478-WXY1LF

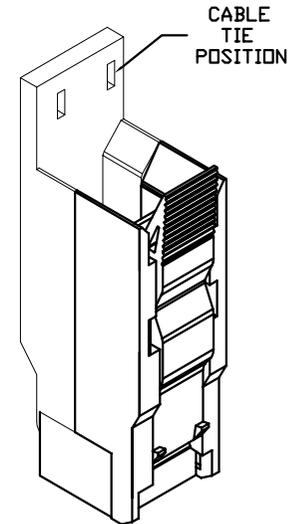


PRODUCT NO.  
72478-W1Y1



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	FCJ		dwg no	
C	V05-0599	VS	09/08/05	0° ±2'	XXX ±.051	1:1		sheet 1 of 3	
D	V06-0618	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97		size	
				enr	J.VOLSTROF	11/5/97		A4	
				chr	J.VOLSTROF	11/5/97		72478	
				appd	J.VOLSTROF	11/5/97		type	
sheet index		revision	D	D	D			CUSTOMER Drawing	
		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 PART NUMBER 72390-0021	COVER, NON-LATCH SIDE PART NUMBER 72390-0011
SHORT LATCH FINGER PART NUMBER 72389-0011	STANDARD LATCH FINGER PART NUMBER 70289-001

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	FCI
				chr J.VOLSTROF 11/5/97	dwg no 72478 sheet 2 of 3 size A4
				appd J.VOLSTROF 11/5/97	type CUSTOMER Drawing
sheet index	revision sheet				

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	ecr 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				

# Mouser Electronics

Authorized Distributor

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