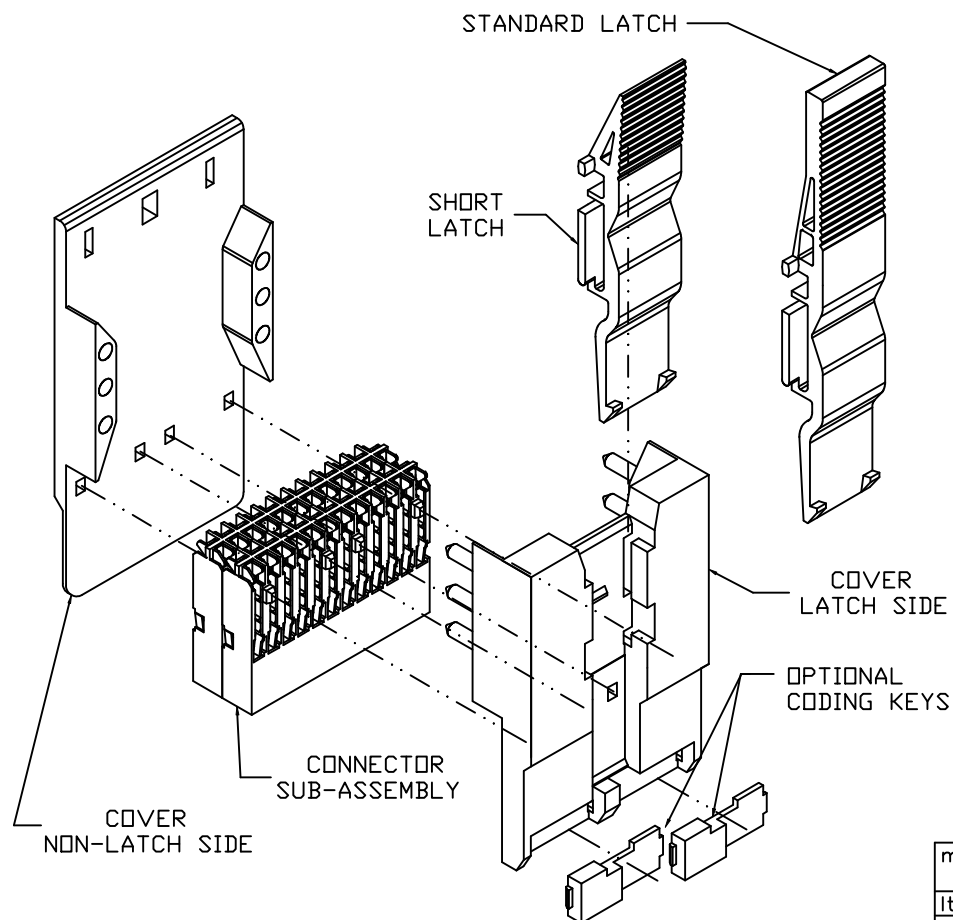
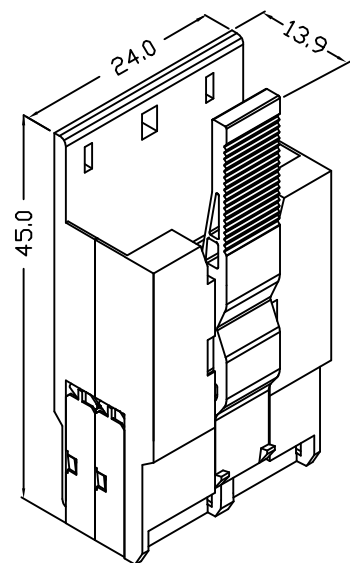


PRODUCT NO.
72477-WXY1
72477-WXY1LF

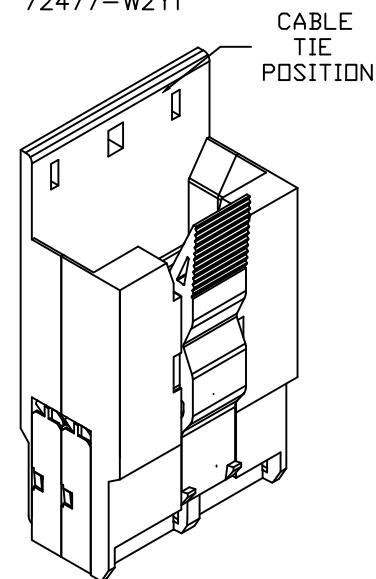


PRODUCT NO.
72477-W1Y1



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

PRODUCT NO.
72477-W2Y1



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

mat'l. code				surface	tolerance	projection	product family		
							METRAL CABLE		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title		
A	V71561	JRV	11/5/97	angles	.X±0.3				
B	V12695	EPK	11/14/01	linear	.XX±0.13				
C	V05-0599	VS	09/08/05	0°±5°	.XXX±0.051				
D	V06-0613	JRV	06/22/06	dr	J.VOLSTROF	11/5/97	4X12 UNSHIELDED CABLE CONNECTOR KIT		
E	ELX-N-26305	TONY	03/06/17	engr	J.VOLSTROF	11/5/97			
				chr	J.VOLSTROF	11/5/97			
				appd	J.VOLSTROF	11/5/97			
sheet index	revision	E	E	E			type Product Customer Drawing		
	sheet	1	2	3					

PRODUCT NO.
72477-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 LEADFREE PART NUMBERS, ADD AN 'LF' SUFFIX.
EXAMPLE: 72477-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 72477-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 72394-W2Y1

* 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
PART NUMBER 72513-002

COVER, NON-LATCH SIDE
PART NUMBER 72513-001

SHORT LATCH FINGER
PART NUMBER 72389-001

STANDARD LATCH FINGER
PART NUMBER 70289-001

mat'l. code				surface <input checked="" type="checkbox"/> tolerance		projection 		product family METRAL CABLE			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
				angles		linear	.X±0.3				
							.XX±0.13				
				0°±5'			.XXX±0.051				
				dr	J.VOLSTROF	11/5/97	Amphenol FCi	dwg no		sheet 2 of 3	size
				engr	J.VOLSTROF	11/5/97		72477		A4	
				chr	J.VOLSTROF	11/5/97					
				appd	J.VOLSTROF	11/5/97		type Product Customer Drawing			
sheet index	revision sheet	E	E	E							
		1	2	3							

PRODUCT NO.
72477-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 72477-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-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-W2Y1LF
* 2 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 COVER, NON-LATCH SIDE
PART NUMBER 72513-002LF PART NUMBER 72513-001LF
SHORT LATCH FINGER STANDARD LATCH FINGER
PART NUMBER 72389-001LF PART NUMBER 70289-001LF

mat'l. code				surface 		tolerance		projection 		product family METRAL CABLE			
ltr	ecn no	dr	date	tolerances unless otherwise specified								title 4X12 UNSHIELDED CABLE CONNECTOR KIT	
				angles		lineal	.X±0.3						
				0°±5°			.XX±0.13						
							.XXX±0.051						
				dr	J.VOLSTROF	11/5/97				dwg no		sheet 3 of 3	size
				engr	J.VOLSTROF	11/5/97				72477		A4	
				chr	J.VOLSTROF	11/5/97							
				appd	J.VOLSTROF	11/5/97							
sheet index	revision	E	E	E						type Product Customer Drawing			
	sheet	1	2	3									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[72477-1211LF](#) [72477-1111LF](#) [72477-1121LF](#) [72477-1221LF](#) [72477-2111LF](#) [72477-2121LF](#) [72477-2211LF](#) [72477-2221LF](#) [72477-3211LF](#) [72477-3221LF](#) [72477-9121LF](#)