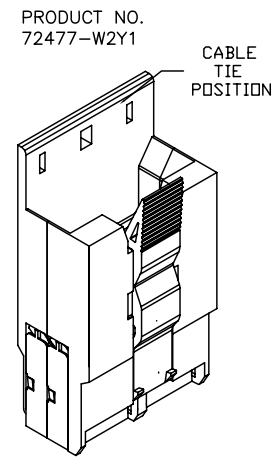
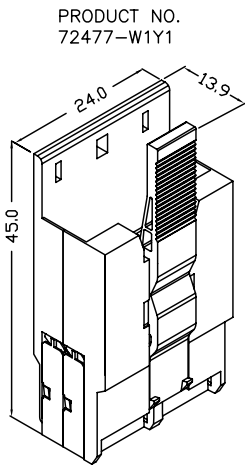
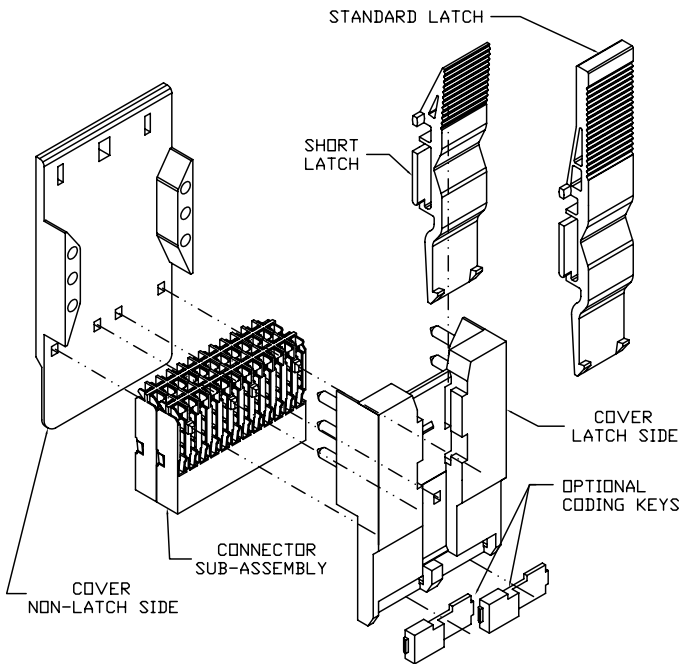


PRODUCT NO.
72477-WXY1
72477-WXY1LF

1 | 2

3

4



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		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	MM		4X12 UNSHIELDED CABLE CONNECTOR KIT		
B	V12695	EPK	11/14/01	flat	XX ±.8	scale 1:1		dwg no		
C	V05-0599	VS	09/08/05	0° ±2'	XXX ±.051	FCJ		sheet 1 of 3 size		
D	V06-0613	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97	72477		A4	
				engr	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.
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.
- Ⓢ 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 COVER, NON-LATCH SIDE
PART NUMBER 72513-0021 PART NUMBER 72513-0011
SHORT LATCH FINGER STANDARD LATCH FINGER
PART NUMBER 72389-0011 PART NUMBER 70289-001

mat'l code		SEE NOTES		surface	tolerance	projection	product family	
ltr	ecrn no	dr	date	ASME Y14.5	ASME Y14.5		METRAL CABLE	
d				angles	X *3	MM	4X12 UNSHIELDED CABLE CONNECTOR KIT	
				0° ±2'	XX *B	scale 1:1	dwg no	sheet 2 of 3
				dr	XXX *051		72477	size A4
				engr	J.VOLSTROF		type	CUSTOMER Drawing
				chr	J.VOLSTROF			
				appd	J.VOLSTROF			
sheet index	revision sheet							



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 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-W2Y1LF
* 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 72513-0021LF COVER, NON-LATCH SIDE PART NUMBER 72513-0011LF
SHORT LATCH FINGER PART NUMBER 72389-0011LF STANDARD LATCH FINGER PART NUMBER 70289-0011LF

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
D				angles	X *3	MM	4X12 UNSHIELDED CABLE CONNECTOR KIT
				0° ±2'	XX *B	scale 1:1	
					XXX *051		
		dr	J.VOLSTROF		11/5/97		dwg no
		engr	J.VOLSTROF		11/5/97		sheet 3 of 3
		chr	J.VOLSTROF		11/5/97		size A4
		appd	J.VOLSTROF		11/5/97		type CUSTOMER Drawing
sheet	revision						
index	sheet						