

PRODUCT NO.
72476-WXY1
72476-WXY1LF

PRODUCT NO.
72476-W1Y1

PRODUCT NO.
72476-W2Y1

STANDARD LATCH

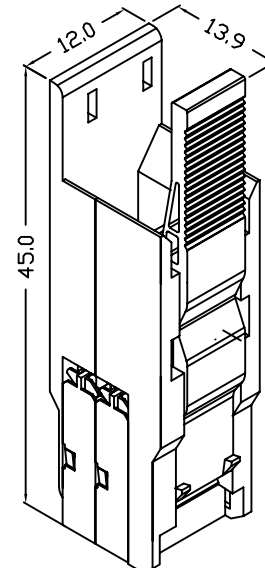
SHORT LATCH

COVER LATCH SIDE

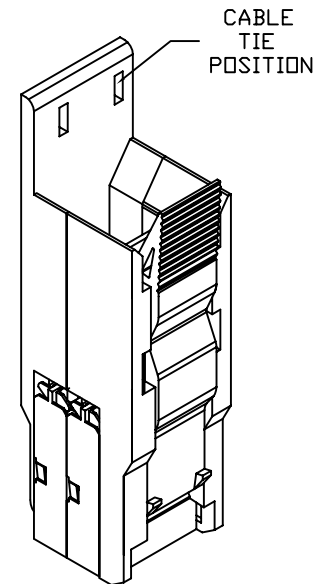
OPTIONAL CODING KEY

COVER NON-LATCH SIDE

CONNECTOR SUB-ASSEMBLY



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	angles	line	tolerances unless otherwise specified	MM	title	
A	V71561	JRV	11/5/97			X ±3		4X6 UNSHIELDED	
B	V12695	EPK	11/14/01			XX ±18		CABLE CONNECTOR KIT	
C	V05-0599	VS	09/08/05	0° ±2°		XXX ±051	scale 1:1	dwg no	
D	V06-0613	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97		sheet 1 of 3	
				engr	J.VOLSTROF	11/5/97		72476	
				chr	J.VOLSTROF	11/5/97		size	
				appd	J.VOLSTROF	11/5/97		A4	
sheet	revision	D	D	D				type	
index	sheet	1	2	3				CUSTOMER Drawing	

PRODUCT NO.
 72476-WXY1

NOTES:

- SEE APPLICATION SPECIFICATION GS-20-002 FOR INSTRUCTIONS ON WIRE INSERTION AND ASSEMBLY OF COMPONENTS FOR CONNECTORS.
- PLUGS INTO STANDARD METRAL 4-ROW HEADERS AND SHROUDS.
- 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.
- THE PRODUCTS WHERE THE PART NUMBERS END IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THESE PRODUCTS LISTED ON THIS DRAWING WILL NOT WITHSTAND WAVE SOLDER OR REFLOW OPERATIONS.
- FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX.
EXAMPLE: 72476-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 72476-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-W1Y1
 * 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 72395-0021 PART NUMBER 72395-0011
 SHORT LATCH FINGER STANDARD LATCH FINGER
 PART NUMBER 72389-0011 PART NUMBER 70289-001

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		 MM scale 1:1	title		
d				angles	X ±3 XX ±18 XXX ±051		4X6 UNSHIELDED CABLE CONNECTOR KIT		
				dr	J.VOLSTROF	11/5/97	dwg no		
				engr	J.VOLSTROF	11/5/97	sheet 2 of 3		
				chr	J.VOLSTROF	11/5/97	72476		
				appd	J.VOLSTROF	11/5/97	type		
sheet	revision						CUSTOMER Drawing		
index	sheet								

PRODUCT NO.
 72476-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 72476-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-W1Y1LF
 * 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 72395-0021LF

COVER, NON-LATCH SIDE

PART NUMBER 72395-0011LF

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	ASME Y14.5		METRAL CABLE	
ltr	ecr no	dr	date	tolerances unless otherwise specified			MM	title	
D				angles	XX ±3	XX ±18		4X6 UNSHIELDED CABLE CONNECTOR KIT	
				0° ±2°	XXX ±051		scale 1:1	dwg no	
				dr	J.VOLSTROF	11/5/97		sheet 3 of 3	
				engr	J.VOLSTROF	11/5/97		72476	
				chr	J.VOLSTROF	11/5/97		A4	
				appd	J.VOLSTROF	11/5/97		type CUSTOMER Drawing	
sheet	revision			index	sheet				