

PRODUCT NO.  
72476-WXY1  
72476-WXY1LF

PRODUCT NO.  
72476-W1Y1

PRODUCT NO.  
72476-W2Y1

1 | 2

3

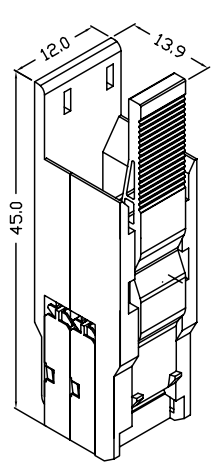
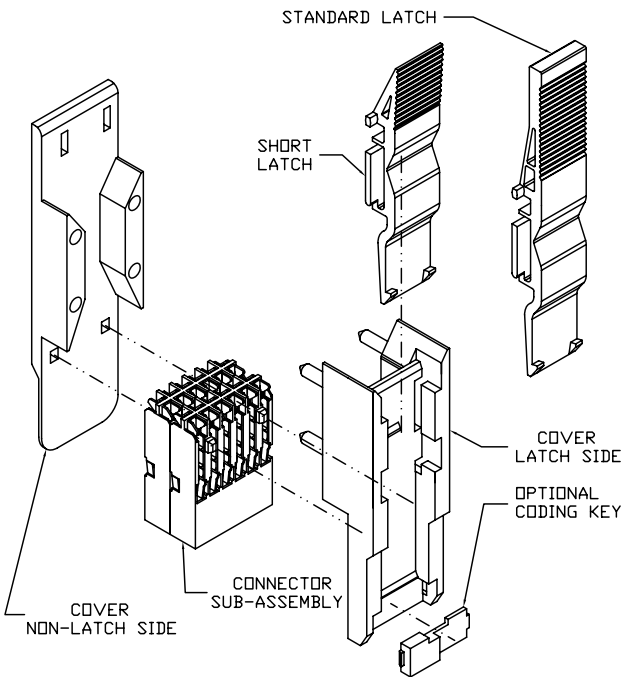
4

A

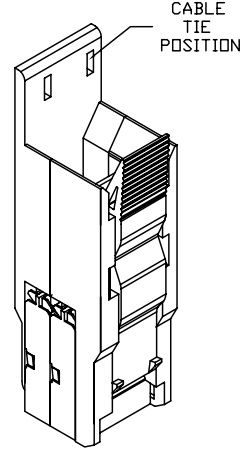
A

B

B



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		METRAL CABLE
ltr	ecm no	dr	date	tolerances unless otherwise specified		MM	title
A	V71561	JRV	11/5/97	angles	X *3		
B	V12695	EPK	11/14/01	finishes	XX *B	dwg no	
C	V05-0599	VS	09/08/05	0° ±2'	XXX *051		scale
D	V06-0613	JRV	2006-06-22	dr	J.VOLSTROF	11/5/97	sheet 1 of 3
				enfr	J.VOLSTROF	11/5/97	size
				chr	J.VOLSTROF	11/5/97	A4
				appd	J.VOLSTROF	11/5/97	type
sheet	revision	D	D	D			CUSTOMER Drawing
index	sheet	1	2	3			

PRODUCT NO.  
72476-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 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-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 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 PART NUMBER 72395-0021	COVER, NON-LATCH SIDE PART NUMBER 72395-0011
SHORT LATCH FINGER PART NUMBER 72389-0011	STANDARD LATCH FINGER PART NUMBER 70289-001

mat'l code				surface		tolerance		projection		product family		
SEE NOTES				ASME Y14.5		ASME Y14.5		MM		METRAL CABLE		
ltr	ecrn no	dr	date	tolerances unless otherwise specified						title		
D				angles	XX *B					4X6 UNSHIELDED CABLE CONNECTOR KIT		
				0° ±2'	XXX *051			scale	1:1	dwg no		
		dr	J.VOLSTROF							sheet 2 of 3		
		engr	J.VOLSTROF							72476		
		chr	J.VOLSTROF							A4		
		appd	J.VOLSTROF							type		
										CUSTOMER Drawing		
sheet index	revision 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 70289-0011LF

SEE NOTES				surface	tolerance	projection	product family
ltr	ecrn no	dr	date	ASME Y14.5	ASME Y14.5		METRAL CABLE
D				tolerances unless otherwise specified	X *3	MM	4X6 UNSHIELDED CABLE CONNECTOR KIT
				angles	XX *B	scale 1:1	dwg no 72476 sheet 3 of 3 size A4
				0° ±2'	XXX *051		type CUSTOMER Drawing
		dr	J.VOLSTROF		11/5/97		
		engr	J.VOLSTROF		11/5/97		
		chr	J.VOLSTROF		11/5/97		
		appd	J.VOLSTROF		11/5/97		
sheet index	revision	sheet					