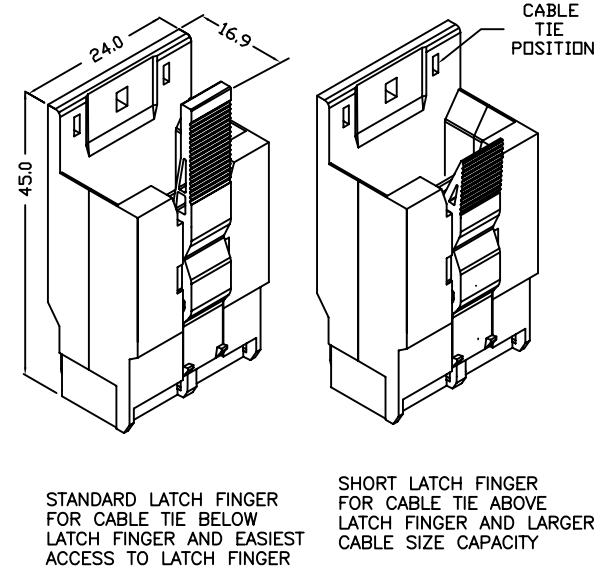
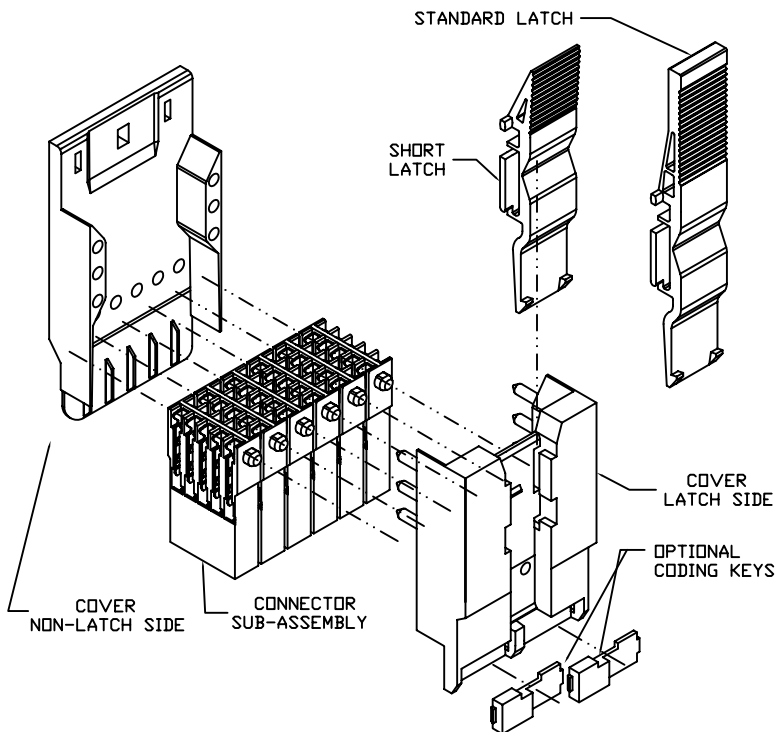


PRODUCT NUMBER
72479-WXY1
72479-WXY1LF

PRODUCT NO.
72479-W1Y1

PRODUCT NO.
72479-W2Y1



mat'l. code				surface		tolerance		projection	product family
SEE NOTES				ASME Y14.5	✓	ASME Y14.5	ASME Y14.5		
ltr	ec'n no	dr	date	angles	line	to	tolerances unless otherwise specified	MM	title
A	V71561	JRV	11/5/97				X ±1		5X12 UNSHIELDED CABLE CONNECTOR KIT
B	V12695	EPK	11/14/01				.XX ±05		
C	V03-0827	HTB	7/24/03	0° ±2°			.XXX ±020	scale 1:1	
D	V05-0599	VS	9/8/05	dr	J. VOLSTORF	11/5/97			dwg no
E	V06-0613	JRV	2006-06-22	engr	J. VOLSTORF	11/5/97			sheet 1 of 3
				chr	J. VOLSTORF	11/5/97			size
				appd	J. VOLSTORF	11/5/97			A4
sheet	revision	E	E	E					type
index	sheet	1	2	3					CUSTOMER Drawing

PRODUCT NUMBER
72479-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 = 9.5mm
SHORT LATCH = 11.5mm
* 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:72479-WXY1LF

ORDERING INFORMATION FOR KITS AND PARTS
EACH KIT (CONNECTOR) CONSIST OF:
6 CONNECTOR SUB-ASSEMBLIES
1 COVER, NON-LATCH SIDE
1 COVER, LATCH SIDE
1 LATCH FINGER

ORDER KITS 72479-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=0 FOR NO LATCH
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-W0Y1
* 6 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, NON-LATCH SIDE
PART NUMBER 72512-0011

COVER, LATCH SIDE
PART NUMBER 72512-0021

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	ASME Y14.5		METRAL CABLE	
ltr	ecr no	dr	date	tolerances unless otherwise specified			MM	title	
E				angles	XX ±05	XX ±05		5X12 UNSHIELDED CABLE CONNECTOR KIT	
				dr	J. VOLSTORF	11/5/97	scale 1:1	FCI	dwg no
				engr	J. VOLSTORF	11/5/97			
				chr	J. VOLSTORF	11/5/97	type	CUSTOMER Drawing	sheet 2 of 3
				appd	J. VOLSTORF	11/5/97			
sheet	revision								size
index	sheet								A4

PRODUCT NUMBER
 72479-WXY1LF

SEE NOTE 6

ORDERING INFORMATION FOR KITS AND PARTS
 EACH KIT (CONNECTOR) CONSIST OF:
 6 CONNECTOR SUB-ASSEMBLIES
 1 COVER, NON-LATCH SIDE
 1 COVER, LATCH SIDE
 1 LATCH FINGER

ORDER KITS 72479-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=0 FOR NO LATCH
 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-W0Y1LF
 * 6 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, NON-LATCH SIDE COVER, LATCH SIDE
 PART NUMBER 72512-0011LF PART NUMBER 72512-0021LF
 SHORT LATCH FINGER STANDARD LATCH FINGER
 PART NUMBER 72389-0011LF PART NUMBER 70289-001LF

mat'l. code				surface		tolerance	projection	product family	
SEE NOTES				ASME Y14.5	✓	ASME Y14.5		METRAL CABLE	
ltr	ecr no	dr	date	tolerances unless otherwise specified			 MM scale 1:1	title	
E				angles	to	X *1		5X12 UNSHIELDED CABLE CONNECTOR KIT	
				0° ±2°	to	.XX *05 XXX *020			
				dr	J. VOLSTORF	11/5/97		dwg no	sheet 3 of 3
				engr	J. VOLSTORF	11/5/97		72479	size A4
				chr	J. VOLSTORF	11/5/97		type CUSTOMER Drawing	
				appd	J. VOLSTORF	11/5/97			
sheet	revision								
index	sheet								