

CHARACTERISTICS		
NUMBER OF CONTACTS	INSERT	24 + PE
TERMINATION	INSERT	SCREW
WIRE GAUGE	INSERT	0.25–2.5mm <sup>2</sup>
FLAMMABILITY	INSERT	V-0
CABLE ENTRY	HOOD	SIDE
IP DEGREE OF PROTECTION	HOOD	IP65
VERSION	HOOD	HIGH PROFILE
PROTECTIVE COVER	HOOD	PA
THREAD	HOOD AND GLAND BUSHING	M32
CABLE RANGE	GLAND BUSHING	16–24mm

#### ELECTRICAL CHARACTERISTICS (INSERT)

RATED VOLTAGE	DIN EN 60664-1	500V (600V UL/CSA)
RATED IMPULSE VOLTAGE	DIN EN 60664-1	6000V
RATED CURRENT AT 40°C		18A
VOLTAGE PROOF	DIN EN 60512-2, TEST 4a	2.800V
INSTALLATION CATEGORY	DIN EN 60664-1	III
INSULATION GROUP	DIN EN 60664-1	IIIb
INSULATION RESISTANCE	DIN EN 60512-2, TEST 3a	>10 <sup>12</sup> OHMS
CONTACT RESISTANCE	DIN EN 60512-2, TEST 2a	<5m OHMS
CLEARANCE	DIN VDE 0627	>4.0mm
CREPAGE	DIN VDE 0627	>6.3mm
CURRENT CARRYING CAP.	DIN EN 60512-3, TEST 5b	DERATED
POLLUTION DEGREE	DIN EN 60664-1	3

#### MECHANICAL CHARACTERISTICS

INSERTION FORCE	DIN EN 60512-13-2, TEST 13b	100–120N
WITHDRAWAL FORCE	DIN EN 60512-13-2, TEST 13b	100–120N
MECHANICAL LIFETIME	IEC 60512-5, TEST 9a	>500 MATING CYCLES

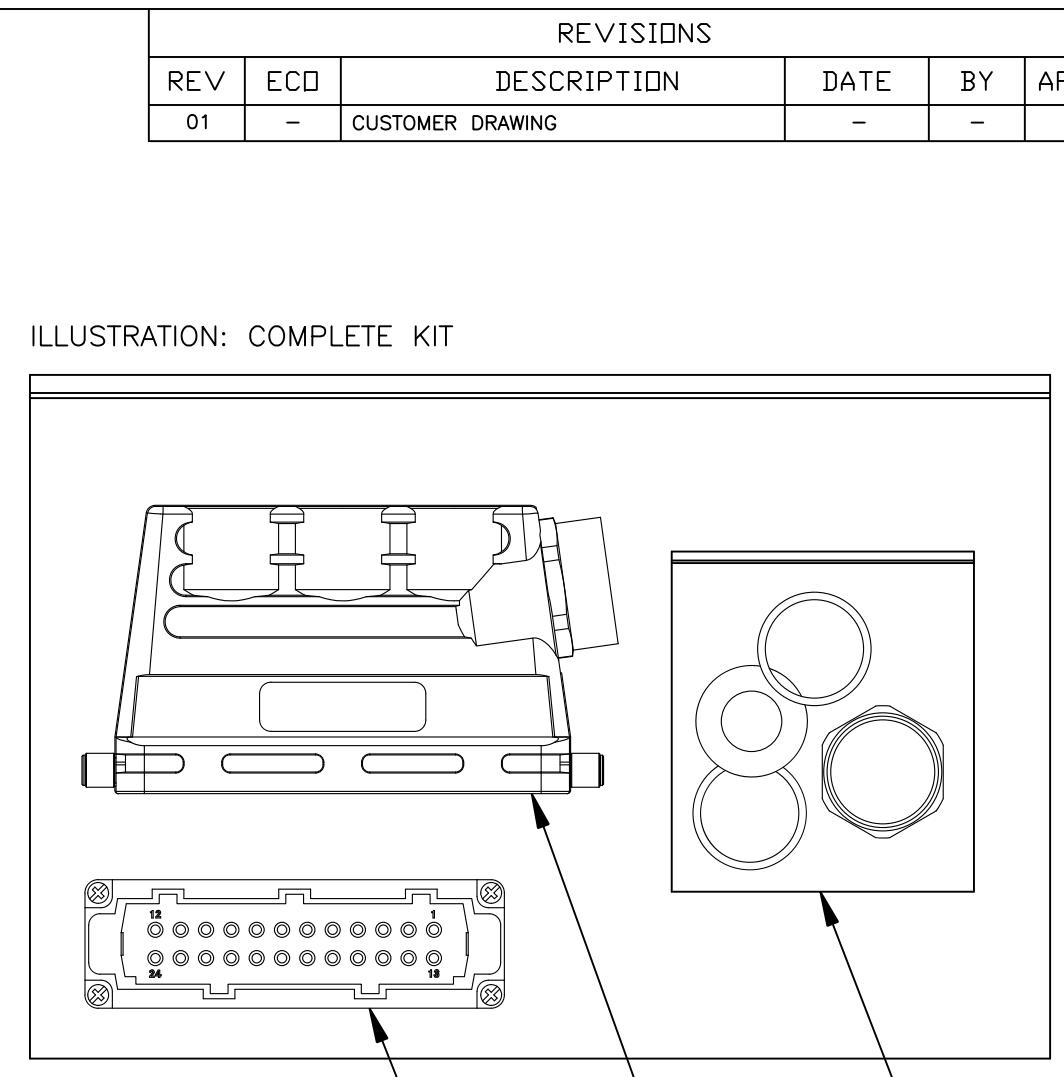
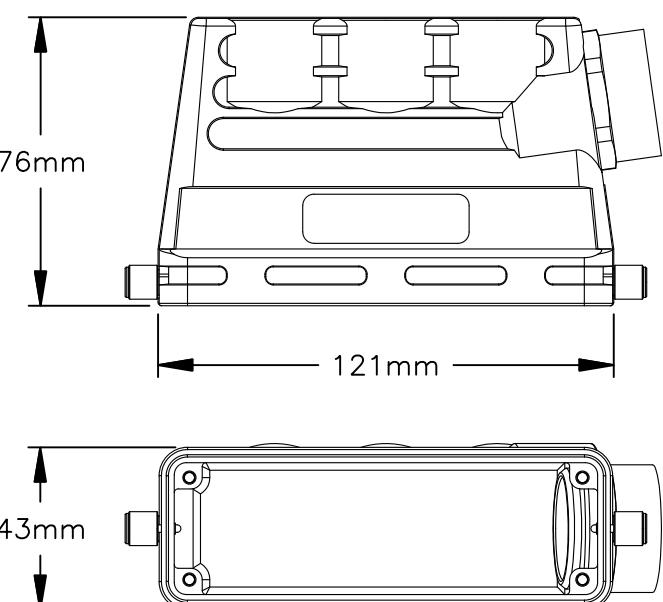
#### CLIMATICL CHARACTERISTICS

TEMPERATURE RANGE		-40°C TO 100°C
UPPER TEMPERATURE		100°C/1000H
LOWER TEMPERATURE		-40°C/16H

#### MATERIALS

INSERT		PC GV
COLOR		GRAY
CONTACT PLATING		SILVER
KNURLED SCREW AND NUT		CuZn
GASKET		NBR

C146 10E 024 9478M



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
1	VN163200114X	GLAND BUSHING, M32	3
1	C14610A0241021	INSERT, MALE, 24POS	2
1	C14610R0245068	HOOD, SINGLE, SIDE, HIGH, M32	1
<b>Amphenol</b>			
Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
<b>KIT, HEAVYMATE</b>			
SIZE	TYPE	DWG NO:	REVISION
B	C-	C14610E0249478M	01
SCALE:	NONE		SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED  
 1) All dimensions are in metric(mm).  
 2) Tolerances are as follows:  
 1 PL DEC ±0.30 | Fractions ±1/64  
 2 PL DEC ±0.15 | Angles ±1°  
 3 PL DEC ±0.08  
 3) Note reference =

MATERIAL SPECIFICATIONS:  
 PROCESS SPECIFICATIONS:  
 NEXT ASSY:  
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TITLE: KIT, HEAVYMATE

DWG NO: C14610E0249478M

REV: 01

SH: 1

DP: 1

# Mouser Electronics

Authorized Distributor

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