Contact Detail: 000-No Contacts Assembled

2.000 [50.80]

0.876 [22.25]
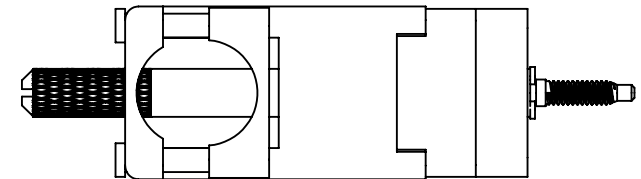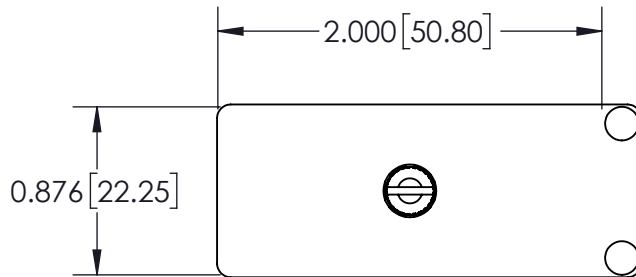
Features

- UL Recognized
- .150 (3.81) Contact Spacing x .130 (3.30) or .150 (3.81) Row Spacing with Staggered Grid
- Plug and Receptacle in 14 or 36 Contact Sizes
- Edacon Hermaphroditic Contact Mating Design
- Contact Termination Options Include: Crimp, P.C. Tail, Wire Hole and Wire Wrap
- Mating and Unmating Simplified with use of Actuating Screws
- Optional Covers with Side or Top Entry Cable Clamp in Plastic or Metal Material Available for All Connector Sizes
- Versatile Metal Cover Design Permits Assembly and Disassembly after Cabling is Complete plus Cable Entry Style Flexibility
- Actuating Screws, Locknuts, Polarizing Hardware, Covers and Contacts Suitable for either Plug or Receptacle
- Polarizing Hardware Adjustable for 288 Mating Combinations
- Tools Available for Contact Installation, Removal and Crimping and Polarizing Changes
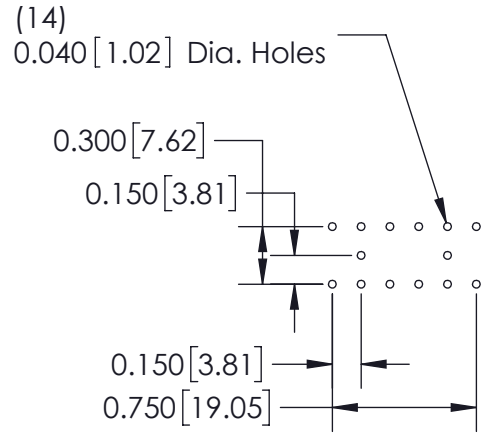
Specifications

- Insulator Material:Polycarbonate, Colour: Grey
- Contact Material: Phosphor Bronze Alloy CA-510
- Contact Plating: Gold over Nickel for Entire Contact
- Cover Material: Polycarbonate, Colour: Green, or Die-Cast Zinc, Finished with Grey Enamel Paint
- Current Rating: 8.5 Amperes
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 2000 V AC rms at Sea Level
- Insulation Resistance: 5000 Megohms Minimum
- Operating Temperature: -65 to +125 Degrees C
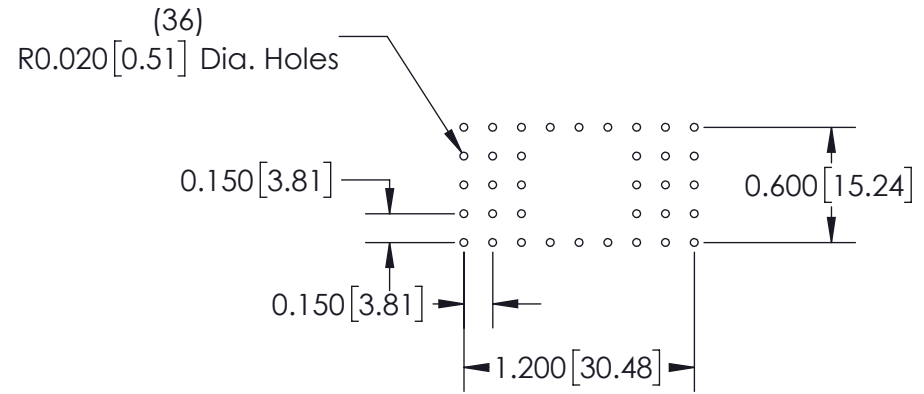- Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position

See Accompanying Pages for:
- PC Tail Layout
- Cutout Panel Details
- Cover Details

519 Assembly
Part Number: 519-036-000-355

EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

ACAD REFERENCE NO. 519 Assembly

DRAWN: J.LEE	DATE: JUNE 18, 2009
CHECKED:	DATE:
SCALE: 1:1	SHEET 1 OF 4
DRAWING NUMBER 519 Assembly	ISSUE 1

(14)
0.040 [1.02] Dia. Holes

0.300 [7.62]
0.150 [3.81]

0.150 [3.81]
0.750 [19.05]

14 Pin
P.C. Tail Layout

(36)
R0.020 [0.51] Dia. Holes

0.150 [3.81]

0.600 [15.24]

0.150 [3.81]

1.200 [30.48]

36 Pin
P.C. Tail Layout

519 Assembly
P.C. Tail Layout Details

EDAC INC
TORONTO, ONTARIO
CANADA
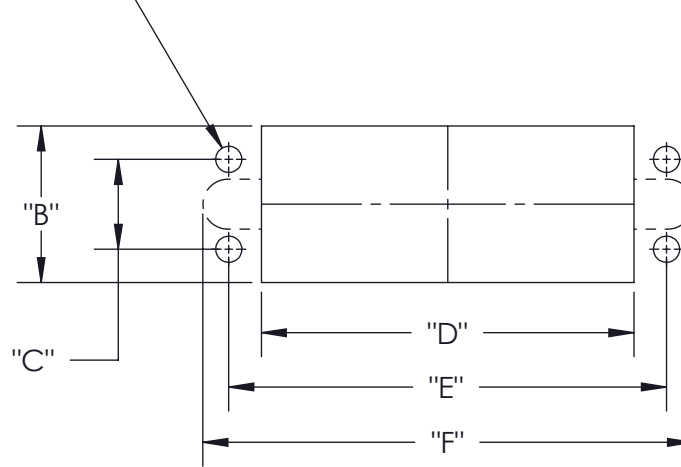YOUR CONNECTION TO QUALITY & SERVICE

ISSUE NUMBER

ORIGINAL

(4)
"A" Dia. Hole

"G" Max.
End Cut-Outs Optional
Provide Access to
Polarizing Hardware

"B"

"C"

"D"

"E"

"F"

	Dimension A	Dimension B	Dimension C	Dimension D	Dimension E	Dimension F	Dimension G
14 Pin	0.104 [2.64]	0.640 [16.26]	0.410 [10.41]	0.960 [24.38]	1.126 [28.60]	1.32 [33.53]	R0.130 [R3.30]
36 Pin	0.136 [3.45]	0.816 [20.73]	0.468 [11.89]	1.420 [36.07]	1.688 [42.88]	1.96 [49.78]	R0.130 [R3.30]

519 Assembly
Cut-Out Panel Detail

EDAC INC
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ACAD REFERENCE NO. 519 Assembly

DRAWN: J.LEE   DATE: JUNE 18, 2009

CHECKED: DATE:

SCALE: SHEET 3 OF 4

DRAWING NUMBER   ISSUE

519 Assembly   1

Top Entry

Side Entry

Standard Clamp

Large Clamp

Cover for Connector	Cover Material	Clamp Size	"A"	"B"	"C"	"D"	"E"	"F"	"G"
14 Pin	Plastic	Standard	1.605 (40.77)	1.325 (33.66)	0.906 (23.01)	1.190 (30.23)	0.715 (18.16)	0.450 (11.43)	0.450 (11.43)
14 Pin	Metal	Standard	1.539 (39.09)	1.325 (33.66)	0.906 (23.01)	1.120 (28.45)	0.686 (17.42)	0.446 (11.33)	0.490 (12.45)
36 Pin	Plastic	Standard	2.460 (62.48)	2.010 (51.05)	1.530 (38.86)	1.985 (50.42)	0.910 (23.11)	0.650 (16.51)	0.500 (12.70)
36 Pin	Plastic	Large	2.460 (62.48)	2.010 (51.05)	1.530 (38.86)	1.985 (50.42)	1.110 (28.19)	0.650 (16.51)	0.608 (15.44)
36 Pin	Metal	Standard	2.206 (56.03)	2.006 (50.95)	1.566 (39.78)	1.766 (44.86)	0.875 (22.23)	0.720 (18.29)	0.575 (14.61)

519 Assembly
Cut-Out Panel Detail

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