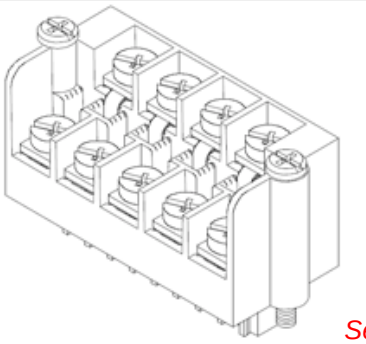
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Part Number: 0399300516
Status: Active
Description: 3.81mm (.150") Pitch Beau™ EuroMate™ Pluggable PCB Terminal Block, Dual Level, 270° Wire Entry, with Retention Screws, 16 Circuits



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E48521

General

Product Family	Terminal Blocks
Series	39930
Application	Wire-to-Board
Comments	with retention screws
Component Type	Plug
Product Literature Order No	USA-264
Product Name	EuroMate™Pluggable
Type	Euro Block

Physical

Circuits (Loaded)	16
Color - Resin	Black
Entry Angle	Horizontal
Flammability	94V-0
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PCB Retention	N/A
Panel Mount	No
Pitch - Mating Interface (in)	0.150 In
Pitch - Mating Interface (mm)	3.81 mm
Pitch - Term. Interface (in)	0.150 In
Pitch - Term. Interface (mm)	3.80 mm
Polarized to Mating Part	Yes
Shrouded	Tri-Barrier
Stackable	No
Temperature Range - Operating	130°C
Termination Interface: Style	Screw or Lug
Wire Size AWG	14, 16, 18, 20, 22
Wire Size mm²	0.50 - 1.50

Electrical

Current - Maximum per Contact	12A
Voltage - Maximum	300V

Material Info

Old Part Number	936916

Reference - Drawing Numbers

Sales Drawing	SD-39930-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

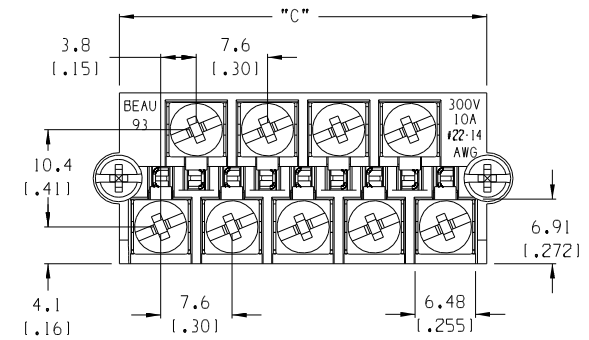
Please visit the Contact Us section for any non-product compliance questions.

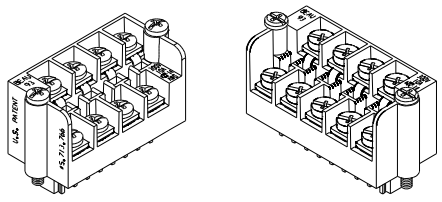
Search Parts in this Series
39930Series

Mates With
39515-1016 , 39516-1016

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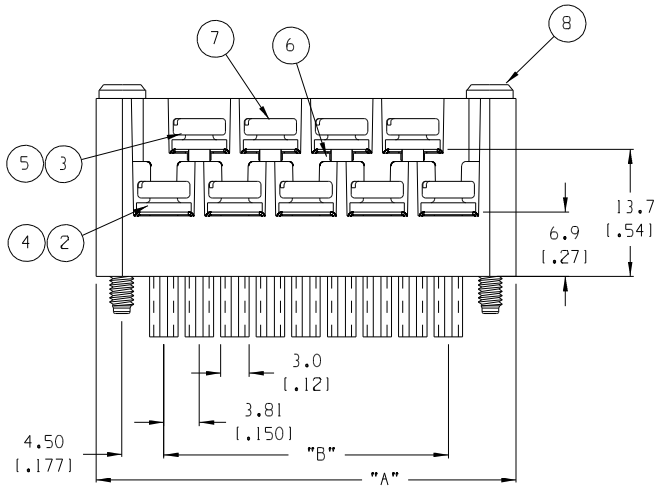


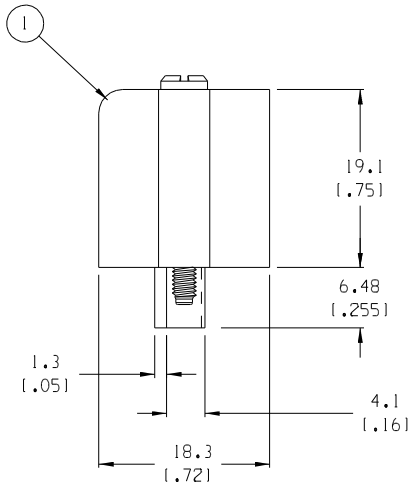


EVEN CIRCUITS, FWE

ODD CIRCUITS, FWE

AUXILIARY VIEWS
SCALE 1:1





MATERIAL NO.	MATERIAL NO. (-G30 OPT.)	NO. OF CIRC. "XX"	"A"	"B"	"C"
399300503		03	22.1 [.87]	7.62 [.300]	16.5 [.65]
399300504		04	25.9 [1.02]	11.43 [.450]	20.3 [.80]
399300505		05	29.7 [1.17]	15.24 [.600]	24.1 [.95]
399300506		06	33.5 [1.32]	19.05 [.750]	27.9 [1.10]
399300507		07	37.3 [1.47]	22.86 [.900]	31.8 [1.25]
399300508		08	41.2 [1.62]	26.67 [1.050]	35.6 [1.40]
399300509		09	45.0 [1.77]	30.48 [1.200]	39.4 [1.55]
399300510		10	48.8 [1.92]	34.29 [1.350]	43.2 [1.70]
399300511		11	52.6 [2.07]	38.10 [1.500]	47.0 [1.85]
399300512	399310512	12	56.4 [2.22]	41.91 [1.650]	50.8 [2.00]
399300513		13	60.2 [2.37]	45.72 [1.800]	54.6 [2.15]
399300514		14	64.0 [2.52]	49.53 [1.950]	58.4 [2.30]
399300515		15	67.8 [2.67]	53.34 [2.100]	62.2 [2.45]
399300516		16	71.6 [2.82]	57.15 [2.250]	66.0 [2.60]
399300517		17	75.4 [2.97]	60.96 [2.400]	69.9 [2.75]
399300518		18	79.3 [3.12]	64.77 [2.550]	73.7 [2.90]
399300519		19	83.1 [3.27]	68.58 [2.700]	77.5 [3.05]
399300520		20	86.9 [3.42]	72.39 [2.850]	81.3 [3.20]
399300521		21	90.7 [3.57]	76.20 [3.000]	85.1 [3.35]

NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: NOT REQUIRED
4. PACKAGING: NOT REQUIRED
5. MATES WITH: BEAU 90 SERIES, 3.81mm HEADER & EQUIVALENT PARTS
6. "XX" REFERS TO THE QUANTITY OF CIRCUITS

ITEM	QTY. (EVEN NO. OF CIRCUITS)	QTY. (ODD NO. OF CIRCUITS)	DESCRIPTION	MATERIAL	FINISH
8	2	2	SCREW, MOUNTING, M2.5X.450	STEEL	ZN, YELLOW CHROMATE
7	XX	XX	SCREW, M3.5X.280	STEEL	ZN, YELLOW CHROMATE
6	XX	XX	NUT, M3.5, HEX	STEEL	ZN, YELLOW CHROMATE
5	XX/2	(XX-1)/2	REAR ROW TERMINAL (-G30 OPT.)	PHOS. BRONZE	SELECTIVE GOLD
4	XX/2	(XX+1)/2	FRONT ROW TERMINAL (-G30 OPT.)	PHOS. BRONZE	SELECTIVE GOLD
3	XX/2	(XX-1)/2	REAR ROW TERMINAL	PHOS. BRONZE	HOT TIN DIP
2	XX/2	(XX+1)/2	FRONT ROW TERMINAL	PHOS. BRONZE	HOT TIN DIP
1	1	1	BARRIER	THERMOPLASTIC	BLACK

ODD CIRCUIT CONFIGURATION SHOWN

EC NO. 11648
DRWN: RK 8-23-05
CH'K:
APPR:

DESCRIPTION

B

REV

QUALITY SYMBOLS
MAJOR:
CRITICAL (C):
SPC (S):

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES		±.0015
3 PLACES	±.038	±.005
2 PLACES	±.13	±.01
1 PLACE	±.3	
ANGULAR: ±2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 2:1
DESIGN UNITS ☐ mm ☒ INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm/INCH ☐ INCH/mm ☐ mm ONLY
PROJECT NO.: - -
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE: C. YORK 03-22-04
CHECKED BY & DATE: R. KEMP 03-22-04
APPROVED BY & DATE: GHR 03-22-04
CAD FILENAME: 9369XX

TITLE: PLUG, FWE, 3.81MM EUROMATE XX ASY, -E

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DRAWING NO.: SD-39930-002
SHEET NO.: 1 OF 1
SIZE: B

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