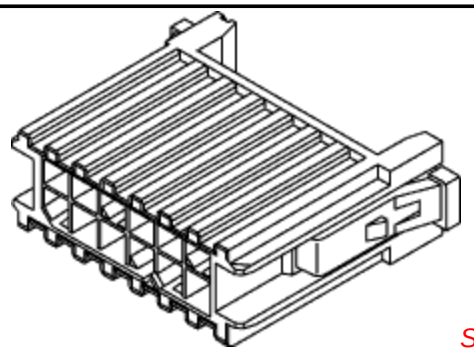
molex
one company > a world of innovation

This document was generated on 04/12/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0512031200
Status: Active
Description: HMC™ Rectangular Industrial Male Housing, Multi-Module Type, 12 Circuits

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



Series image - Reference only

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	I/O Connectors
Series	51203
Application	Panel-Mount
Component Type	Housing
Product Name	HMC™
Type	N/A

Physical

Boot Color	N/A
Breakaway	No
Circuits (Loaded)	N/A
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Gender	Male
Lock to Mating Part	Yes
Material - Plating Mating	n/a
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	N/A
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	43A
Shielded	No
Voltage - Maximum	250V AC / 300V DC

Material Info

Reference - Drawing Numbers

Product Specification	RPS-51200-003, RPS-58719-004, RPS-58719-007
Sales Drawing	SD-51203-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Halogen-Free

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
51203Series

Mates With
51204-1200

Use With
58719 panel-mount bracket, 5558 GSX terminal, 58721 hood bracket

This document was generated on 04/12/2010

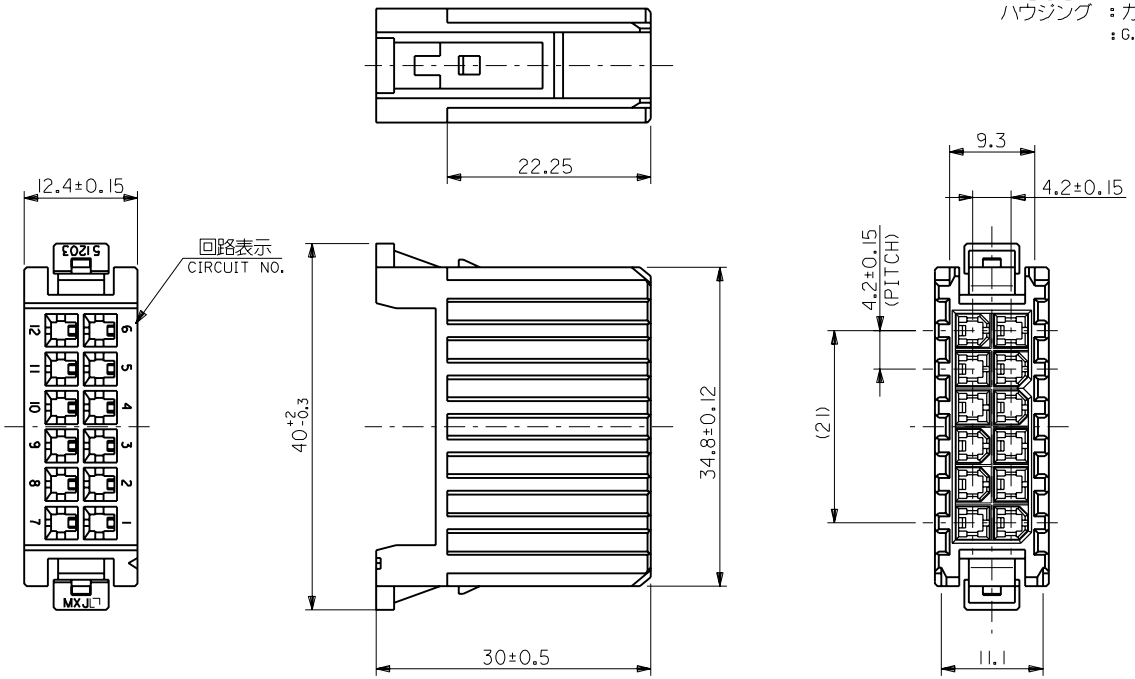
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO. SD-51203-002

注記
NOTES.

1. 適合ターミナル　：5558****
APPLICABLE TERMINAL : 5558****

2. 材質
MATERIAL
ハウジング　：ガラス入りナイロン66　UL94V-0　色：自然色
: G.F. NYLON UL94V-0 COLOR : NATURAL



51203-1200	51203-1200
MATERIAL.NO	MODEL.NO

DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY　SHT　REV
REVISE ON CAD ONLY

DO NOT SCALE DRAWING

EC NO.				
DRWN:				
CH'K:				
APPR:				
EC NO.				
DRWN:				
CH'K:				
APPR:				
EC NO.				
DRWN:				
CH'K:				
APPR:				
REVISED '98/12/23				
EC NO. JD90898				
DRWN: Y.TETSUKA				
CH'K: S.AKIYAMA/YO.ITO				
APPR: H.IKESUGI				
RELEASED '98/9/9				
EC NO. JD90377				
DRWN: S.AKIYAMA				
CH'K: YO.ITO				
APPR: H.IKESUGI				
DESCRIPTION				
REV	A	0		

MATERIAL 材料: 注記参照 SEE NOTES.
FINISH 仕上げ: —#—
WIRE RANGE 適用電線範囲: —#—
INS. RANGE 被覆外径: —#—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE 2-1　DESIGN UNITS ☒mm ☐INCH　THIRD ANGLE PROJECTION

DRAWN BY & DATE S.Akiyama 98/9/9
CHECKED BY & DATE Y.Ito
APPROVED BY & DATE
CAD FILENAME 51203002.S01

TITLE: POWER CONN. 12P PIN HOUSING

molex MOLEX INCORPORATED

MATERIAL NO. SEE CHART　DRAWING NO. SD-51203-002　SHEET NO. 1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE B

51203002.S01

EN-02J(097) MXJ-54