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Part Number: [0533133465](#)
Status: **Active**
Description: 2.00mm Pitch Mi II™ System Wire-to-Board Header, Dual Row, Vertical, 34 Circuits

Documents:

3D Model	Product Specification PS-51160-006 (PDF)
Drawing (PDF)	Product Specification PS-52478-002 (PDF)
Product Specification PS-51089-005 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

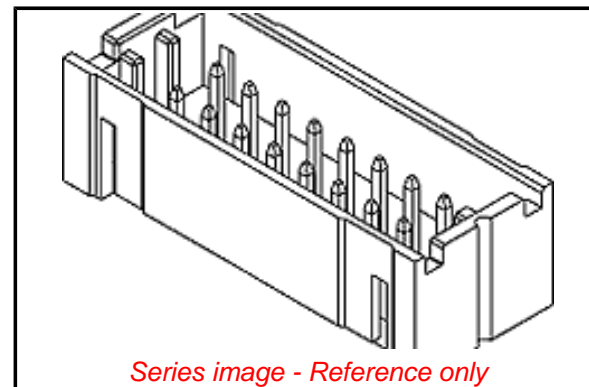
Product Family	PCB Headers
Series	53313
Application	Signal, Wire-to-Board
Product Name	Mi II™
UPC	756054797006

Physical

Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Gray
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1630.400/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Yes -ED/39/2015 (15 June 2015)
 Acetamide, N-methyl-dinoseb (ISO)
 Imidazolidine-2-thione furan
 C,C'-azodi(formamide)
 tricosafuorododecanoic acid
 heptacosafuorotetradecanoic acid
 methoxyacetic acid
 1,2-diethoxyethane
 hencosafuoroundecanoic acid
 sodium
 peroxometaborate
 pentacosafuorotridecanoic acid
 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
 Disodium tetraborate
 Boric acid
 Trixylyl phosphate
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
 Methylhexahydrophthalic anhydride
 Sodium perborate; perboric acid, sodium salt
 propylene oxide
 Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-Trichloroethylene

China RoHS

Material Info**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-51089-005, PS-51160-006, PS-52478-002,
RPS-51160-005
SD-53313-002

1,2,3-
Trichloropropane
1,2-dichloroethane
1-bromopropane
Dibutyltin-dichloride
4,4'-
Methylenedianiline
Tris(2-chloroethyl)
phosphate
Boric acid, disodium
salt, hydrate
formamide
4,4'-
bis(dimethylamino)benzophenone
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
1,2-bis(2-
methoxyethoxy)ethane
[4-[4,4'-
Bis(dimethylamino)benzhydrylidene]cyclo
4,4'-
bis(dimethylamino)-4''-
(methylamino)trityl
Diboron-trioxide
[4-[[4-Anilino-1-
naphthyl][4-
(dimethylamino)phen
#,#-Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
diethyl sulphate

Halogen-Free**Status****Not Low-Halogen****Need more information on product
environmental compliance?**Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.China ROHS
ELVGreen Image
Not Relevant**Search Parts in this Series**[53313](#) Series**Mates With**Wire-to-Board IDT Receptacle [52478](#) ,
[52484](#) , [51089](#) Crimp Terminal

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