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Part Number: [0956232881](#)
Status: **Active**
Overview: Magnetic and Modular Jacks/Plugs
Description: Modular Jack, Top Entry, Through Hole, 8/8, Shielded, Tray

Documents:

3D Model	Application Specification AS-85513-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-95123-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-95623-001-001 (PDF)	Product Literature (PDF)

Agency Certification

UL E107635

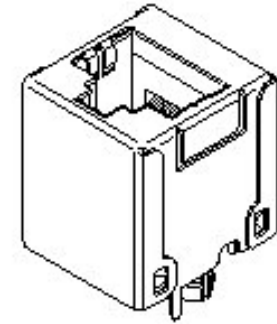
General

Product Family	Modular Jacks/Plugs
Series	95623
Comments	Reflow Capable, External Shield
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks/Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800756696676

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	16.50mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.720/g
Orientation	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm, 1.016µm
Plating min - Termination	1.905µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
henicosafuoroundecanoic
acid
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
chromium trioxide
1,3-propanesultone
1-vinylimidazole
4,4'-methylenedi-o-
toluidine
dibutyltin dichloride
methoxyacetic acid
diisopentylphthalate
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
octamethylcyclotetrasiloxane
benzene-1,2,4-
tricarboxylic acid 1,2-
anhydride
decamethylcyclopentasiloxane
dodecamethylcyclohexasiloxane
heptacosafuorotetradecanoic
acid
tricosafuorododecanoic
acid
di-n-pentyl phthalate
(DPP)
6-methoxy-m-toluidine
furan
1-bromopropane
nitrobenzene
4-o-tolylazo-o-
toluidine
ethylene thiourea

China RoHS

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	045
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	AS-85513-001-001
Packaging Specification	PK-95123-001
Product Specification	PS-95623-001-001
Sales Drawing	SD-95623-001

4-methyl-m-phenylenediamine
o-toluidine
butyl 4-hydroxybenzoate
dinoseb (ISO)
dihexyl phthalate (DnHP)
dicyclohexyl phthalate
N-methylacetamide
dimethyl sulphate
diethyl sulphate
4-aminoazobenzene
Fatty acids, C16-18, lead salts
[phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-
Perfluorohexane-1-sulphonic acid and its salts
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5
1,2-benzenedicarboxylic acid, di-C₆-10-alkyl est
Cadmium sulphate
Sodium perborate; perboric acid, sodium salt
hexahydro-2-benzofuran-1,3-dione
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
Perfluorononan-1-oic acid
(2,2,3,3,4,4,5,5,6,6,7
Reaction
products of 1,3,4-thiadiazolidine-2,5-d
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Chrysene
Cadmium nitrate
Pyrene
Tris(4-nonylphenyl, branched and linear)
phosphi
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propio
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
Trixylyl phosphate
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Boric acid

Disodium tetraborate
Hydrazine
1,3-BENZENEDIOL,
TRINITRO-, LEAD
SALT
n-pentyl-
isopentylphthalate
3-ethyl-2-methyl-2-
(3-methylbutyl)-1,3-
oxazolidi
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
pentacosafuorotridecanoic
acid
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Terphenyl,
hydrogenated
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4,6-
ditertpentylphenol
dibutylbis(pentane-2,4-
dionato-O,O')tin
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
Disodium-octaborate
sodium
peroxometaborate
Ammonium-
pentadecafluorooctanoate
Sulfurous acid, lead
salt, dibasic
1,2-dichloroethane
trilead diarsenate
2-methoxyaniline
arsenic acid
N,N-
dimethylacetamide
lead dipicrate
potassium
hydroxyoctaoxidizincatedichromate(1-)
bis(2-methoxyethyl)
ether
Calcium-arsenate
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
N-methyl-2-
pyrrolidone
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
2-ethoxyethyl acetate
Cobalt sulphate

Acetic acid, cobalt(2+) salt
Carbonic acid, cobalt(2+) salt (1:1)
Boric acid, disodium salt, hydrate
sodium chromate
potassium dichromate
potassium chromate
ammonium dichromate
Tris(2-chloroethyl) phosphate
Lead sulfochromate yellow
Lead chromate
molybdate sulfate red
lead chromate
Anthracene oil, anthracene-low; Anthracene Oil F
Anthracene oil, anthracene paste, distn. lights;
Anthracene oil, anthracene paste, anthracene fra
Anthracene oil, anthracene paste;
Anthracene Oil
Butylbenzylphthalate (BBP)
lead hydrogen arsenate
bis(2-ethylhexyl) phthalate (DEHP)
dibutyl phthalate (DBP)
4,4'-diaminodiphenylmethane
triethyl arsenate
Acetic acid, lead salt, basic
cadmium hydroxide
Lead titanium zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide sulphate
Trilead-dioxide-phosphonate
pentalead tetraoxide sulphate
lead oxide sulfate
Silicic acid, lead salt
cadmium chloride
lead dinitrate
pyrochlore, antimony
lead yellow
Cadmium-fluoride
cadmium
lead
 α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)

[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl-3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(Lead oxide trilead bis(carbonate) dihydroxide orange lead cadmium sulphide cadmium oxide (non-pyrophoric) Diboron-trioxide bis(pentabromophenyl) ether 4,4'-bis(dimethylamino)-4''-(methylamino)trityl [4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl cadmium carbonate 1,2-dimethoxyethane 4,4'-bis(dimethylamino)benzophenone dichromium tris(chromate) phenolphthalein lead diazide bis(2-methoxyethyl) phthalate Formaldehyde, polymer with benzenamine pentazinc chromate octahydroxide

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[95623 Series](#)

Mates With

[95043 Modular Plug, Short Body](#)

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