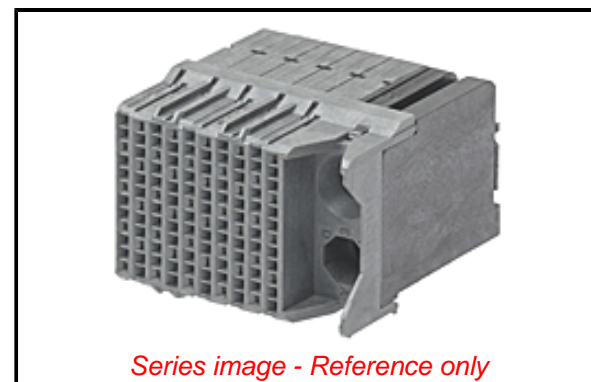


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Part Number: [1703405020](#)
Status: **Active**
Overview: Impact Backplane Connector and Cable Assembly System
Description: Impact 85 Ohm Plus 4 Pair, Right-Angle Daughtercard, Right Guided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

3D Model	Application Specification AS-76060-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-610-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-170340-5020-001 (PDF)
Product Specification PS-170540-999-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	Backplane Connectors
Series	170340
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	887191130712

Physical

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.959/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

China RoHS

Contained Per -
D(2021)4569-DC (8
July 2021)
Phenol, 2-(2H-
benzotriazol-2-yl)-4,6-
bis(1,1-dim
Ammonium-
pentadecafluorooctanoate
C.I. Direct Black 38
Dibutyltin-dichloride
1,2-diethoxyethane
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
Octamethylcyclotetrasiloxane
Dodecamethylcyclohexasiloxane
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
Benzo(ghi)perylene
bis(2-(2-
methoxyethoxy)ethyl)
ether
Dipentyl phthalate
Imidazolidine-2-thione
Phenanthrene
Dihexyl-phthalate
Methylhexahydrophthalic
anhydride
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Pyrene
Fluoranthene
Perfluorobutane
sulfonic acid (PFBS)
and its sal
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85Ω
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-76060-990-001
Electrical Model Document	EE-170340-001-001
Packaging Specification	PK-70873-610-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170340-001-001
Sales Drawing	SD-170340-0004-001
Symbol/Footprint Data	SYM-170340-5020-001

Aluminosilicate
Refractory Ceramic
Fibres
n-pentyl-
isopentylphthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
diisohexyl phthalate
Terphenyl,
hydrogenated
2-(2H-Benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-Benzotriazol-2-
yl)-4,6-
ditertpentylphenol
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p
Phenol, 2-(2H-
benzotriazol-2-yl)-4,6-
bis(1,1-dim
Lead(II,IV)-oxide
Cadmium-sulphide
Cadmium-oxide
Diboron-trioxide
Decabromodiphenylether
1,2-Dimethoxyethane
Pentazinc-chromate-
octahydroxide
Potassium
hydroxyoctaoxodizincatedichromate
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched
Strontium-chromate
Boric acid, disodium
salt, hydrate
Tris(2-chloroethyl)
phosphate
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
Lead chromate
N,N-
Dimethylformamide
Fatty Acids, C16-18,
Lead Salts
[Phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous Acid, Lead
Salt, Dibasic
Cadmium Hydroxide
Cyanamide, lead(2+)
salt (1:1)
Dioxobis(stearato)trilead
Tetralead-trioxide-
sulphate
Trilead-dioxide-
phosphonate

Lead-titanium-trioxide
Lead oxide sulfate
(Pb₂O(SO₄))
Lead-dinitrate
pyrochlore, antimony
lead yellow
Lead(II,IV)-oxide

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

[170340](#) Series

Mates With

[170335](#) Impact 85 Ohm Plus Vertical Header

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