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**Part Number:** [1600134623](#)  
**Status:** **Active**  
**Overview:** [stAK50h Connection System](#)  
**Description:** stAK50h 2 Bay Infotainment Hybrid Header, 56 Circuits, Bay A 28 Circuit Header, Key 2; Bay B 28 Circuit Header, Key 3; 2.50mm and 3.00mm PC Tail Lengths, Gray, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model (PDF)</a>	

**General**

Product Family	PCB Headers
Series	160013
Application	Automotive, Power, Signal, Wire-to-Board
Overview	<a href="#">stAK50h Connection System</a>
Product Name	stAK50h
UPC	191130043361

**Physical**

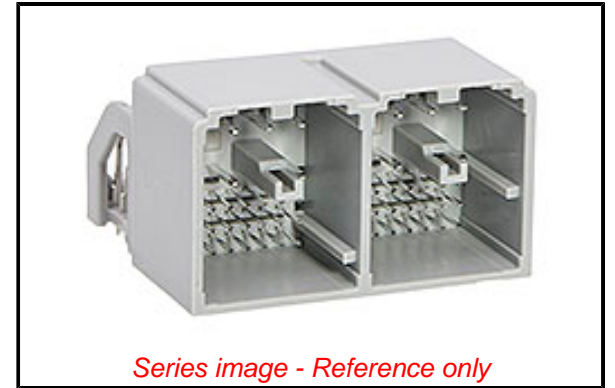
Breakaway	No
Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Gray
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	SPS
Net Weight	13.010/g
Number of Rows	5
Orientation	Right Angle
PC Tail Length	2.50mm, 3.00mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.00mm, 4.00mm
Pitch - Termination Interface	2.00mm, 4.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	Contact Molex
Voltage - Maximum	500V DC

**Material Info**

**Reference - Drawing Numbers**



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
ammoniumpentadecafluorooctanoate  
1,3-propanesultone  
dibutyltin dichloride  
1,2-diethoxyethane  
diisopentylphthalate  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
decamethylcyclopentasiloxane  
perfluorooctanoic acid  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Methylhexahydrophthalic  
anhydride  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o

**China RoHS**

Pyrene  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Boric acid  
n-pentyl-  
isopentylphthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
diisohexyl phthalate  
di-n-pentyl phthalate  
(DPP)  
lead dinitrate  
cadmium  
lead  
orange lead  
cadmium sulphide  
cadmium oxide (non-  
pyrophoric)  
bis(pentabromophenyl)  
ether  
1,2-bis(2-  
methoxyethoxy)ethane  
1,2-dimethoxyethane  
pentazinc chromate  
octahydroxide  
bis(2-methoxyethyl)  
ether  
strontium chromate  
Lead sulfochromate  
yellow  
di-n-pentyl phthalate  
(DPP)  
ethylene thiourea  
dihexyl phthalate  
(DnHP)  
4-aminoazobenzene  
benzo[a]pyrene  
[phthalato(2-)]dioxotrilead  
Sulfurous acid, lead  
salt, dibasic  
lead cyanamidate  
Lead titanium  
zirconium oxide  
dioxobis(stearato)trilead  
pentalead tetraoxide  
sulphate  
lead oxide sulfate  
lead dinitrate

**Halogen-Free  
Status**

**Low-Halogen**

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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

160013 Series

**Mates With**

stAK50h Receptacle Assembly 1600140002  
, 1600140003

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