

# This document was generated on 02/21/2011 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0438601016 Status: Active Overview: modular pluss_indes Description: Modular Ack. Right Angle Low Profile, Inverted. Shielded. Offset Panel Grounding Tabs. Lightpipes. 8/8 Description: Modular Ack. Right Angle Low Profile, Inverted. Shielded. Offset Panel Grounding Tabs. Lightpipes. 8/8 Description: Modular Ack. Right Angle Low Profile, Inverted. Shielded. Offset Panel Grounding Tabs. Lightpipes. 8/8 Description: Modular Ack. Right Angle Low Profile, Inverted. Shielded. Offset Panel Grounding Tabs. Lightpipes. 8/8 Description: Modular Jacks/Plugs General Product Family Modular Jacks/Plugs Series 43880 Component Type Profile. The Lightpipes will withstand soldering temperature of 2/10 digree C Component Type Profile. N/A Generation Category 3 Pewer over Ethernet (PGE) Product Series All Status Product Family Series All Status Product Panel Right Angle Gistes All Status Product Panel Right Angle Gistes All Status Product Series All Status Product Series All Status Product Panel Right Angle Gistes All Status Product Series All Status Product Serie				
Overview:       modular_plass_lasks         Description:       Modular_plask, Right Angle, Low Profile, Invented, Shielded, Offset Panel Grounding Tabs, Lightopies, 8/8         Documents:       Application Specification AS-43860.001 (PDF) Test Summary TS-43860-001 (PDF)       Construction         Product Specification PS-43860-003 (PDF)       Application AS-43860.001 (PDF) Test Summary TS-43860-001 (PDF)       Construction         Agency Certification       Cast       Construction       Construction       Construction         Series       Agency Certification       Construction       C	Part Number:	<u>0438601016</u>		$\land$
Overview:       modular_plass_lacks         Description:       Modular_plasks         Description:       Modular_plask, Right Angle, Low Profile, Inverted, Shielded, Offsot Panel Grounding Tabs, Lightpipes, 8/8         Decuments:       Application Specification AS-43860-001 (PDF) Test Summary TS-43860-001 (PDF)         Product Specification PS-43860-003 (PDF)       Application Specification AS-43860-001 (PDF)         Product Specification PS-43860-003 (PDF)       Modular Jacks/Plugs         Series       Application AS-43860-001 (PDF)         Product Family       Modular Jacks/Plugs         Series       Component Type       PCS Jack         Power over Himmer (PDF)       NA         Power over Himmer (PDF)       NA         Poduct Name       Black       Modular plugs Indexs         Product Name       Black       Montopipe       Modular Dacks/Plugs     <	Status:	Active		
Description:     Modular Jack, Right Angle, Low Profile, Inverted. Shielded, Offset Panel Grounding Table, Lightpipes, 89       Decuments:     Application. Specification AS-43860-001 (PDF) Product Specification ES-43860-003 (PDF)     Application. Specification AS-43860-001 (PDF) Test Summary TS-43860-001 (PDF)       Agency Certification CSA UL     LR 19980       UL     E107635       General Product Family     Modular Jacks/Plugs A3860       Comments     Lightpipes, Will withstand soldering temperature of 210 domains       Magnetic     No       Owerview     modular_plugs_jacks       Performance Category     3       Product Family     No       Performance Category     3       Product Family     No       Overview     modular_plugs_jacks       Product Family     No       Product Family     Modular_plugs_jacks       Performance Category     3       Product Name     RJA5       Physical Boot Color     NA       Color - Resin     Black       Ourseling (maing cycles max)     Golo       Operation     Yes       PCB Retention     Yes	Overview <sup>.</sup>			
Tabs, Lightpipes 8/8         Deciments:         3D.Modil Drawing (PDP)       Application.Specification AS-43880-001 (PDF)         Freat.Summary TS-43880-001 (PDF)         Test Summary TS-43880-001 (PDF)         Test Summary TS-43880-001 (PDF)         Product Family       China Rolls         China Rolls         Product Family       Modular Jacks/Plugs         Series         Component Type       China Rolls         Product Family       Modular Jacks/Plugs       Safet Sectification O         Series       Call Sectification Compliance (PDF)         Product Family       Modular Jacks/Plugs       Safet Sectification Compliance (PDF)         Ower over       Modular Jacks/Plugs       Component Type       China Rolls         Physical       Modular Jacks/Plugs       Safet Sectification O         Power over Famerable (PdF)       N/A       Complexence only         Power over Famerable (PdF)       N/A       Complexence only         Power over Famerable (PdF)       N/A       Complexence only         Power over Famerable (PdF)       N/A       Com			Low Profile, Inverted, Shielded, Offset Panel Grounding	
Documents: 3D.Madel Dawing (PDE) Product Specification PS-43860-003 (PDE)       Application Specification AS-43860-001 (PDE) Test summary. TS-43860-001 (PDE)       Series         Agency Certification CA CA UL       LP19980       E107635       Series         Product Specification PS-43860-003 (PDE)       Rel4S Certificate of Compliance (PDE)       Series         Product Specification CS-43860-001 (PDE)       Rel4S Certificate of Compliance (PDE)       Series         Comments       LP19980       Series       Series         Component Type Magnetic       Modular Jacks/Plugs 43860       Series       Series         Overview       modular plugs jacks       Series       Series         Product Name       RA/45       Series       Series         Physical Product Name       NA Product Name       NA       Series         Durability (mating operies max) Product Name       Sories       Sories         Color Resin       Brack Durability (mating operies max)       Soo       Soo         Plating Mating Part Lightpipes/EDS       Lightpipes Lightpipes/EDS       Sories       Soo         Material - Nealing Termination Tim       Tim       Series Program       Series         Material - Nealing Termination Tim       High Temperature Thermoplastic, Polysuifone Right Angle (Side Entry)       Series         POB Releation	Decemption			
32. Model Drawing (PDF) Product Specification PS-43860-003 (PDF)     Application Specification AS-43860-001 (PDF) Test Summary T5-43860-001 (PDF)     Series       Agency Certification CSA UL     E107635     E107635     Series       General Product Family Sories     43860     China Rolfs     Series       Comments     Lightpipes will withstand soldering temperature of 210 digrees C     No     No     No       Component Type     PCB Jack     No     No     No       Overview     modular_plugs_jacks     Foreigneet Sec     No       Product Reain     No     No     No       Overview     modular_plugs_jacks     Foreigneet Sec     No       Product Name     RJ45     Section C     Power over Ethernet (PDE)       Product Name     RJ45     Section C     Power over Ethernet (PDE)       Physical     Sector No     Sector Parts in this Section or any non-product compliance guestions.       Color - Reain     Diack     Lightpipes     Sector Parts in this Section or any non-product compliance guestions.       Material - Neain     Healing Status Thermation     Fight (Side Etry)     Sector Parts in this Section or any non-product compliance guestions.       PLocator     Yes     Yes     Sector Parts in this Section or any non-product compliance guestions.       PCB Reletion     Kes     Forein and (Side Etry)     Sector P		· · · · · · · · · · · · · · · · · · ·		
32. Model Drawing (PDF) Product Specification PS-43860-003 (PDF)     Application Specification AS-43860-001 (PDF) Test Summary T5-43860-001 (PDF)     Series       Agency Certification CSA UL     E107635     E107635     Series       General Product Family Sories     43860     China Rolfs     Series       Comments     Lightpipes will withstand soldering temperature of 210 digrees C     No     No     No       Component Type     PCB Jack     No     No     No       Overview     modular_plugs_jacks     Foreigneet Sec     No       Product Reain     No     No     No       Overview     modular_plugs_jacks     Foreigneet Sec     No       Product Name     RJ45     Section C     Power over Ethernet (PDE)       Product Name     RJ45     Section C     Power over Ethernet (PDE)       Physical     Sector No     Sector Parts in this Section or any non-product compliance guestions.       Color - Reain     Diack     Lightpipes     Sector Parts in this Section or any non-product compliance guestions.       Material - Neain     Healing Status Thermation     Fight (Side Etry)     Sector Parts in this Section or any non-product compliance guestions.       PLocator     Yes     Yes     Sector Parts in this Section or any non-product compliance guestions.       PCB Reletion     Kes     Forein and (Side Etry)     Sector P	Documents:			
Dirawing (PDF)       Test Summary TE-43880-001 (PDF)         Roduct Specification P:       RoHS Certification C:       Image: RoHS Certification C:			Application Specification AS-43860-001 (PDF)	
Product Specification PS-43860-003 (PDF)       BeHS Certificate of Compliance (PDF)       Compliance (PDF) <td></td> <td></td> <td></td> <td></td>				
Agency Certification CSA UL     LR19980 L107535       General Product Family Series     Modular Jacks/Plugs 43860       Comments     China RoHS Component Type Magnetic       Component Type Magnetic     Modular Jacks/Plugs 43860       Overview Product Name     Rade RL45       Physical Bort Color Coursenies     Modular Jacks/Plugs 43860       Physical Durability (matring cycles max) Flammability Material - Netal Orientation     N/A Res       Physical Durability (matring cycles max) Flammability Material - Resin Orientation     N/A Res       Physical Durability (matring cycles max) Flammability Material - Resin Orientation     N/A Res       Physical Durability (matring cycles max) Flammability Material - Resin Orientation     N/A Res       Performance Category Poce Color Resin     N/A Black Dot Sol Surver Server Server Server Server Magnet Server				Series
CSA       LR19980         UL       E107635         General       Modular Jacks/Plugs         Product Family       Modular Jacks/Plugs         Series       43860         Component Type       PCB Jack         Magnetic       No         Overview       modular_plugs_jacks         Performance Category       3         Product Name       RJ45         Product Name       RJ45         Product Name       RJ45         Product Name       RJ45         Durability (maing cycles max)       500         Durability (maing cycles max)       500         Frammability       94/4-0         Material - Resin       Black         Durability (maing cycles max)       500         Resying to Maling Part       None         Lightpipes       Lightpipes         Material - Resin       Black         Durability (maling cycles max)       500         Resying to Maling Part       None         Material - Resin       Hight Temperature Thermoplastic, Polysulfone         Ortertation       Right Angle (Side Entry)         PCB Lackters - Reson       Lightpipes         Material - Resin       Hight Temperature Thermoplastic, Polys				image - Reference only
CSA       LR19980         UL       E107635         General       Modular Jacks/Plugs         Product Family       Modular Jacks/Plugs         Series       43860         Component Type       PCB Jack         Magnetic       No         Overview       modular_plugs_jacks         Performance Category       3         Product Name       RJ45         Product Name       RJ45         Product Name       RJ45         Product Name       RJ45         Durability (maing cycles max)       500         Durability (maing cycles max)       500         Frammability       94/4-0         Material - Resin       Black         Durability (maing cycles max)       500         Resying to Maling Part       None         Lightpipes       Lightpipes         Material - Resin       Black         Durability (maling cycles max)       500         Resying to Maling Part       None         Material - Resin       Hight Temperature Thermoplastic, Polysulfone         Ortertation       Right Angle (Side Entry)         PCB Lackters - Reson       Lightpipes         Material - Resin       Hight Temperature Thermoplastic, Polys	Agency Certific	ation		
ULE107835GeneralModular Jacks/Plugs 43860Product FamilyModular Jacks/Plugs 43860CommentsLightpipes will withstand soldering temperature of 210 degrees CComponent TypePCB Jack No ReviewedMagneticNoOverviewmodular_plugs_jacksPerformance Category3 Product NameProduct NameRJ45PhysicalSearch PAIS Centificate of Compliance, click hereDurability (mating cycles max)500 BlackDurability (mating cycles max)500 BlackDurability (mating cycles max)500 HomeLightpipes/LEDSLightpipes Lightpipes/LEDSMaterial - NetalBrass, Phosphor Bronze Material - Netal of Trag Material - Netal of Trag PCB RetentionMaterial - NetalBrass, Phosphor Bronze Haterial - Netal of Trag PCB RetentionPCB RetentionYes PCB Thickness - Recommended 1.57mm (.062') Packaging TypePCB Thickness - Recommended Ptich - Termination1.57mm (.062') Packaging Type PCB Trady PCB Thickness - Recommended Ptich - TerminationProduct Strates PCB Thickness - Recommended Ptich - Termination1.270µm (50µ') Ptich - TerminationPrick Posting Titeration2.3640µm (100µ') Ports Posting TiterationPrick Posting Titeration1.270µm (50µ') PortsPitter Termination2.540µm (100µ') PortsPrick Posting Titeration1.270µm (50µ') PortsPitter Termination2.540µm (100µ') PortsPrick Posting Titeration1.4		ation	L R10080	EU RoHS China RoHS
Ceneral       Component Fype       Additional Solution (Component Type)       Modular Jacks/Plugs         Component Type       PCB Jack       No       Not Reviewed         Component Type       PCB Jack       No       Not Reviewed         Overview       modular_plugs_jacks       No       Not Reviewed         Performance Category       3       No       No         Product Name       RJ45       No       No         Physical       Social Color       NA         Porosing Top Latch       Yes       Yes         Keying to Mating Part       None       None         Unrefield Top Latch       Yes       Yes         Material - Resin       Biack       Dispipes         Unrefield Top Latch       Yes       Yes         Material - Netaing Termination       Tra       Yes         Material - Netaing Termination       Tra       Material - None         Unrefield Top Latch       Yes       Yes         PCB Retension       Right Angle (Side Entry)         PCB Retension       Yes				
GeneralProduct FamilyModular Jacks/PlugsSeries43860CommentsLightpipes will withstand soldering temperature of 210Component TypePCB JackMagneticNoOverviewmodular_Jacks/PlugsPerformance Category3Product NameRJ45PhysicalImage Control (Control Control			2107000	Compliant
Series43880 Lightpipes will withstand soldering temperature of 210 degrees CLow-Halogen Status Not ReviewedComponent TypePCB Jack MagneticNoOverviewmodular_plugs_jacksNeed more information on product environmental compliance?Performance Category3Product NameRJ45Physical Durability (mating cycles max)SoloBoot ColorN/AColor - ResinBlack Durability (mating cycles max)Durability (mating cycles max)SoloInverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDSLightpipesMaterial - NetalBrass, Phosphor BronzeMaterial - NetalBrass, Phosphor BronzeMaterial - ResinHigh Temperature Thermoplastic, Polysulfone OrientationOrientationYesPCB RetentionYesPCB RetentionYesPCB Tray Paakaging TypeTrayPaat MountWith FlangePitch - Maig Interface1.02mm (J40')Pitch - Termination Interface1.02mm (J40')Pitch - Termination Interface1.02mm (J40')Pitang min - Termination2.540µm (100µ')Postings / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTermination Interface1.02mm (J40')Postings / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTermination Interface1.02mm (J40')Postings / Loaded Contacts8/8Surface Mount Compatible (SMC) <td< td=""><td>General</td><td></td><td></td><td></td></td<>	General			
Series43800 CommentsLightpipes will withstand soldering temperature of 210 degrees CLow-Halogen Status Not ReviewedComponent TypePCB JackMagneticNoOverviewmodular_plugs_jacksPerformance Category3Product NameRJ45PhysicalN/ABoot ColorN/AColor - ResinBlackDurability (mating cycles max)500Color - ResinBlackDurability (mating cycles max)500Flammability94V-0Inverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDSLightpipesMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB LocatorYesPCB RetenitonYesPCB RetenitonYesPCB RetenitonYesPCB RetenitonYesPCB Reteniton1.57mm (Jo62')Packaging TypeTrayPanel MourtWith FlangePitch - Mating Interface1.02mm (Jd0')Pitch - Termination Interface1.02mm (Jd0')Pittin - Mating Interface1.02mm (Jd0')Pittin - Mating Interface1.02mm (Jd0')Pittin - Termination Interface1.02mm (Jd0')Pittin - Mating Interface1.02mm (Jd0')Pittin - Mating Interface1.02mm (Jd0')Pittin - Range Operating4/0*C to +85*CTermination Interface StyleThrough HoleWaterpored // DustproofNo <td colspan="2"></td> <td>Modular Jacks/Plugs</td> <td>Not Reviewed</td>			Modular Jacks/Plugs	Not Reviewed
degrees C     Need more information on product environmental compliance?       Component Type Magnetic     No       Overview     modular plugs_jacks       Performance Category     3       Product Name     RJ45       Physical     Enail products certificate of Color - Resin       Boot Color     N/A       Cotor - Resin     Black       Durability (mating cycles max)     500       Flammability     94V-0       Inverted / Top Latch     Yes       Keying to Mating Part     None       Uightpipes/LEDS     Lightpipes       Material - Netal     Brass, Phosphor Bronze       Material - Netal     Brass, Phosphor Bronze       Material - Resin     High Temperature Thermoplastic, Polysulfone       Orientation     Right Angle (Side Entry)       PCB Locator     Yes       PCB Retemizon     1.57mm (.062')				Low-Halogen Status
Component TypePCB JackNetMagneticNoMagneticNoOverviewmodular_plugs_jacksPerformance Category3Power over Ethernet (PoE)N/AProduct NameRJ45PhysicalEthernet (PoE)Boot ColorN/AColor - ResinBlackDurability (mating cycles max)500Durability (mating cycles max)500Inverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDsLightpipesMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB RetentionYesPCB RetentionYesPCB RetentionTrayParel MountWith FlangePitch - Termination Interface1.02mm (J040')Pitch - Termination Interface1.02mm (J040')Pitch - Termination Interface1.02mm (J040')Pitaing min - Termination1Postions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoPortion - Termination Interface1.02mm (J040')Pitaing min - Termination Interface1.02mm (J040')Pitaing min - Termination Interface1.02mm (J040')Pitaing min - Termination Interface3/8Surface Mount Compatible (SMC)NoPortion - Range - Operating-40°C to +85°CTermination Interface1.02mm (HoleWaterperofNo <td>Comments</td> <td></td> <td>Lightpipes will withstand soldering temperature of 210</td> <td>Not Reviewed</td>	Comments		Lightpipes will withstand soldering temperature of 210	Not Reviewed
Component typePCB JackMagneticNoOverviewmodular_plugs_jacksPerformance Category3Power over Ethemet (PoE)N/AProduct NameRJ45PhysicalEmail productscompliance?Boot ColorN/AColor - ResinBlackDurability (mating cycles max)500Flammability94V-0Inverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDsLightpipesMaterial - Plating MatingGoldMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationYesMaterial - ResinKight TrayMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationYesPCB RetentionYesPCB RetentionYesPCB RetentionYesPCB Retention1.57mm (062")Paral MountWith FlangePitting min - Termination1Pitting min - Termination1Pitting min - Termination1Pitting min - Termination1Pitting min - Termination2.540µm (100µ")Pitting min - Termination1Pitting min - Termination1Product Res8/8Surface Mount Compatible (SMC)NoPortion - Termination Interface1.02mm (040")Pitting min - Termination2.540µm (100µ")Pitting min - Termination2.640µm (100µ")Pitting min - Termination1Posti				Need more information on product
MagneticNoOverviewmodular_plugs_jacksPerformance Category3Power over Ethernet (PoE)N/AProduct NameRJ45PhysicalRJ45Boot ColorN/AColor - ResinBlackDurability (mating cycles max)500Flammability94V-0Inverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDsLightpipesMaterial - NetralBrass, Phosphor BronzeMaterial - Plating TerminationTinMaterial - Plating TerminationTinMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationYesPCB RetentionYesPCB RetentionYesPCB Retention1.57mm (.062")Panel MoountUtil FlangePitch - Termination1.02mm (.040")Pitch - Mating Interface1.02mm (.040")Pitch - Mating Interface1.02mm (.040")Pitch - Mating Interface1.02mm (.040")Pitch - Mating Interface1.02mm (.040")Pitch - Mating Interface3/8Surface Mount Compating (SWC)NoTemperature Range - Operating40°C to +85°CTermination Interface:SyleTemperature Range - Operating40°C to +85°CTermination Interface:SyleWaterproofNo				
Performance Category       3         Power over Ethernet (PoE)       N/A         Product Name       R,445         Physical       Boot Color         Boot Color       N/A         Cotor - Resin       Black         Durability (mating cycles max)       500         Finamability       94/-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Plating Termination       Tin         Material - Plating Mating       Gold         Material - Resin       Hight Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Retention       Yes         Panel Mount       With Flange         Plating min - Termination       Tay         Panel Mount       With Flange         Plating min - Termination       1.270µm (50µ')         Plating min - Termination       1         Postions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Potion / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Portino				environmental compliance.
Power over Ethernet (PoE)       N/A         Product Name       RJ45         Product Name       RJ45         Physical       Edited State S	Overview			Email productcompliance@molex.com
Product Name       RJ45         Physical       Boot Color       N/A         Boot Color       N/A         Color - Resin       Black         Durability (mating cycles max)       500         Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Netal       Brass, Phosphor Bronze         Material - Netal       Brass, Phosphor Bronze         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Termination       1.270µm (.040")         Pitting min - Mating       2.270µm (50µ")         Plating min - Termination       2.540µm (100µ")         Plating min - Termination       4.02°C to +85°C         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to +85°C         Termination Interface:       Stop         Vaterproof / Dustyproof       No				
Physical       Please visit the Contact Us section for any non-product compliance questions.         Boot Color       N/A         Color - Resin       Black         Durability (mating cycles max)       500         Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Netal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Yes         PCB Retention       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Termination Interface       1.02mm (.040")         Pitaing min - Mating       1.270µm (50µ")         Plating min - Termination       1         Postions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Termination Interface:       1/9         Vateryorof       No <td colspan="2"></td> <td></td> <td>Compliance, <u>click here</u></td>				Compliance, <u>click here</u>
Physical       non-product compliance questions.         Boot Color       N/A         Color - Resin       Black         Durability (mating cycles max)       500         Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Netal       Brass, Phosphor Bronze         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Trickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Mating Interface       1.02mm (.040")         Plating min - Termination       2.540µm (100µ")         Plating min - Termination       2.540µm (100µ")         Ports       1         Positions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to +85°C	Product Name		RJ45	Blasse visit the Contact Lie section for any
Boot Color       N/A         Color - Resin       Black         Durability (mating cycles max)       500         Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Netal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Mating Interface       1.02mm (.040")         Plating min - Tariniation       2.540µm (100µ")         Pots       1         Positions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C	Physical			
Color - Resin       Black         Durability (mating cycles max)       500         Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Metal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Retention       Yes         PCB Retention       Yes         PCB Retention       Yes         PCB Retention       Yes         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Mating Interface       1.02mm (.040")         Plating min - Mating       1.270µm (50µ')         Pots       1.270µm (50µ')         Pots       8/8         Surface Mount Compatible (SMC)       No         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to			NI/A	non-product compliance questions.
Durability (mating cycles max)500Flammability94V-0Inverted / Top LatchYesKeying to Mating PartNoneLightpipes/LEDsLightpipesMaterial - MetalBrass, Phosphor BronzeMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationKesOrientationYesPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Mating Interface1.02mm (.040")Plating min - Termination2.540µm (100µ")Potis1Potis1Potis1Potions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTemperature Range - OperatingThrough HoleWaterproof / DustproofNo				) 
Flammability       94V-0         Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Metal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Retention       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Mating       1.270µm (504")         Plating min - Termination       2.540µm (100µ")         Pitch - Termination       2.540µm (100µ")         Ports       1         Ports       48%         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C				
Inverted / Top Latch       Yes         Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Netal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Retention       Yes         PCB Retention       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Path Mount       With Flange         Pitch - Mating Interface       1.02mm (.040")         Pitch - Mating Interface       1.02mm (.040")         Plating min - Mating       2.540µm (100µ")         Ports       1         Postions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       -40°C to +85°C         Temperature Range - Operating       No         Waterproof / Dustproof       No				Search Parts in this Series
Keying to Mating Part       None         Lightpipes/LEDs       Lightpipes         Material - Metal       Brass, Phosphor Bronze         Material - Plating Mating       Gold         Material - Plating Termination       Tin         Material - Resin       High Temperature Thermoplastic, Polysulfone         Orientation       Right Angle (Side Entry)         PCB Locator       Yes         PCB Retention       Yes         PCB Thickness - Recommended       1.57mm (.062")         Packaging Type       Tray         Panel Mount       With Flange         Pitch - Mating Interface       1.02mm (.040")         Pitch - Termination       2.540µm (50µ")         Pots       1         Positions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Termination Interface: Style       Through Hole         Waterproof / Dustproof       No				
Lightpipes/LEDsLightpipesMates WithMaterial - Plating MatingGoldFCC 68 PlugsMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoPositions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoPositions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoPositions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoVaterproof / DustproofNo			None	
Material - MetalBrass, Phosphor BronzeMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB LocatorYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo			Lightpipes	Mates With
Material - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface:5tyleThrough HoleNo	Material - Metal		Brass, Phosphor Bronze	
Material - ResinHigh Temperature Thermoplastic, PolysulfoneOrientationRight Angle (Side Entry)PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface:Through HoleWaterproof / DustproofNo			Gold	
OrientationRight Angle (Side Entry)PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTermination Interface:1.4°°C to +85°CTermination Interface:1.4°°C to +85°CTermination Interface:1.6°C to +85°CTermination Interface:5tyleMaterproof / DustproofNo				
PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTermination Interface:-40°C to +85°CTermination Interface:Through HoleWaterproof / DustproofNo				
PCB RetentionYesPCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTermination Interface: StyleThrough HoleWaterproof / DustproofNo				
PCB Thickness - Recommended1.57mm (.062")Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo				
Packaging TypeTrayPanel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo		acommanded		
Panel MountWith FlangePitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo		ecommended		
Pitch - Mating Interface1.02mm (.040")Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo				
Pitch - Termination Interface1.02mm (.040")Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo		ace	•	
Plating min - Mating1.270µm (50µ")Plating min - Termination2.540µm (100µ")Ports1Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo	5			
Plating min - Termination       2.540µm (100µ")         Ports       1         Positions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Termination Interface: Style       Through Hole         Waterproof / Dustproof       No				
Ports       1         Positions / Loaded Contacts       8/8         Surface Mount Compatible (SMC)       No         Temperature Range - Operating       -40°C to +85°C         Termination Interface: Style       Through Hole         Waterproof / Dustproof       No	0 0			
Positions / Loaded Contacts8/8Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo	e e e e e e e e e e e e e e e e e e e		1	
Surface Mount Compatible (SMC)NoTemperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo		Contacts	8/8	
Temperature Range - Operating-40°C to +85°CTermination Interface: StyleThrough HoleWaterproof / DustproofNo				
Waterproof / Dustproof No	Temperature Range	e - Operating		
			Through Hole	
Wire/Cable Type N/A		roof		
	Wire/Cable Type		N/A	

#### Electrical

Current - Maximum per Contact Grounding to PCB Grounding to Panel Shielded Voltage - Maximum

#### Solder Process Data Lead-free Process Capability

**Material Info** 

### Reference - Drawing Numbers

Application Specification Product Specification

Sales Drawing Test Summary 1.5A Yes Offset Panel Ground Tabs Yes 150V AC (RMS)

Wave Capable (TH only)

AS-43860-001 PS-43860-003, RPS-43860-004, RPS-43860-007, RPS-43860-008, RPS-43860-013 SD-43860-001 TS-43860-001

## This document was generated on 02/21/2011 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION