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Part Number:

0759001182

Status:

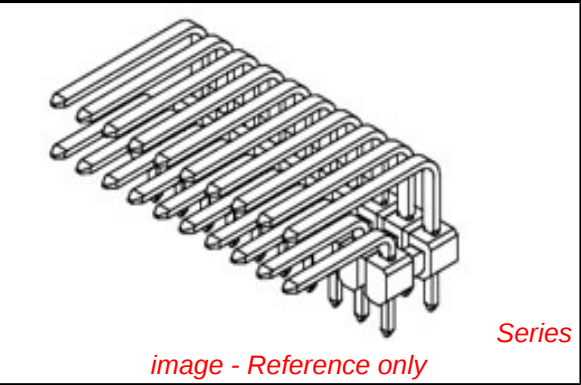
Active

Overview:

mx150_unshrouded_breakaway_header

Description:

3.50mm (.138") Pitch, MX150™ Dual Row Header, Breakaway, Right Angle, 16 Circuits, 1.25µm (50µ") Nickel (Ni) Overall, 2.50µm (100µ") Minimum Select Matte Tin (Sn) Plating Overall, 4.75mm (.187") PC Tail Length



- Documents:
- [Drawing \(PDF\)](#)

[3D Model](#)

[Packaging Specification \(PDF\)](#)

[Application Specification \(PDF\)](#)

[Product Specification PS-75757-000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	75900
Application	Wire-to-Board
Overview	mx150_unshrouded_breakaway_header
Product Name	MX150™
Physical	
Breakaway	Yes
Circuits (Loaded)	16
Circuits (maximum)	16
Circuits Detail	16
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.190 In
PC Tail Length (mm)	4.75 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (mm)	2.36 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.138 In
Pitch - Mating Interface (mm)	3.50 mm
Pitch - Term. Interface (in)	0.138 In
Pitch - Term. Interface (mm)	3.50 mm
Plating min: Mating (µin)	50
Plating min: Mating (µm)	1.25
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

75900Series

Use With

MX150™ Receptacles Dual Row Housings 33472

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	16A
Voltage - Maximum	500V DC

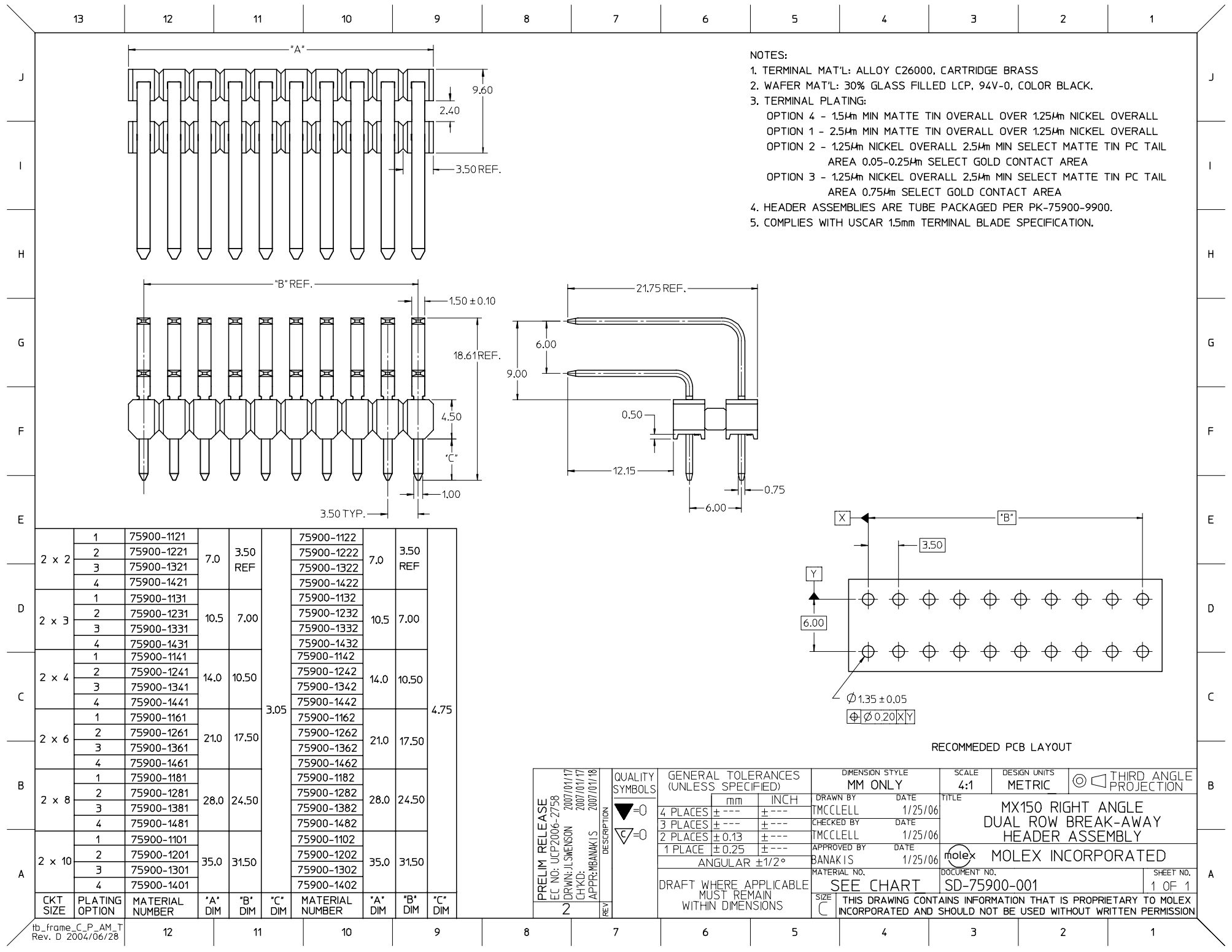
Material Info

Reference - Drawing Numbers

Application Specification	AS-75900-208
Product Specification	PS-75757-000
Sales Drawing	SD-75900-001

This document was generated on 05/31/2010

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NOTES:

1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
 - OPTION 4 - 1.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 1 - 2.5µm MIN MATTE TIN OVERALL OVER 1.25µm NICKEL OVERALL
 - OPTION 2 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL AREA 0.05-0.25µm SELECT GOLD CONTACT AREA
 - OPTION 3 - 1.25µm NICKEL OVERALL 2.5µm MIN SELECT MATTE TIN PC TAIL AREA 0.75µm SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-75900-9900.
5. COMPLIES WITH USCAR 1.5mm TERMINAL BLADE SPECIFICATION.

RECOMMENDED PCB LAYOUT

PRELIM RELEASE EC NO: UCP2006-2758 DRAWN: J. SWENSON 2007/01/17 CHKD: 2007/01/17 APPR: MBANAKIS 2007/01/18 2	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			4 PLACES	± ---	± ---	DRAWN BY TMCCLELL	DATE 1/25/06	TITLE MX150 RIGHT ANGLE DUAL ROW BREAK-AWAY HEADER ASSEMBLY				
			3 PLACES	± ---	± ---	CHECKED BY DATE						
			2 PLACES	± 0.13	± ---	TMCCLELL	1/25/06					
			1 PLACE	± 0.25	± ---	APPROVED BY BANAKIS	DATE 1/25/06	MOLEX MOLEX INCORPORATED				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-75900-001				1 OF 1	
					SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						