

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0759001231

Status:

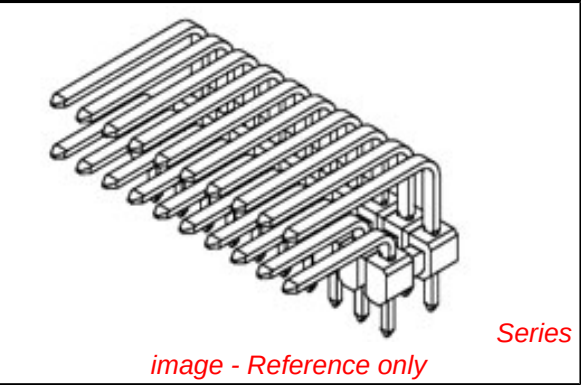
Active

Overview:

mx150_unshrouded_breakaway_header

Description:

3.50mm (.138") Pitch, MX150™ Dual Row Header, Breakaway, Right Angle, 6 Circuits, 1.25µm (50µ") Nickel (Ni) Overall, 2.50µm (100µ") Minimum Select Matte Tin (Sn) Plating on Tail, 0.05µm Minimum Select Gold (Au) Contact Area, 3.05mm (.120") PC Tail Length



Documents:	
Drawing (PDF)	Packaging Specification (PDF)
3D Model	Product Specification PS-75757-000 (PDF)
Application Specification (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)	6
Circuits (maximum)	6
Circuits Detail	6
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.120 In
PC Tail Length (mm)	3.05 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 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)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.25
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	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

Stackable	No
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

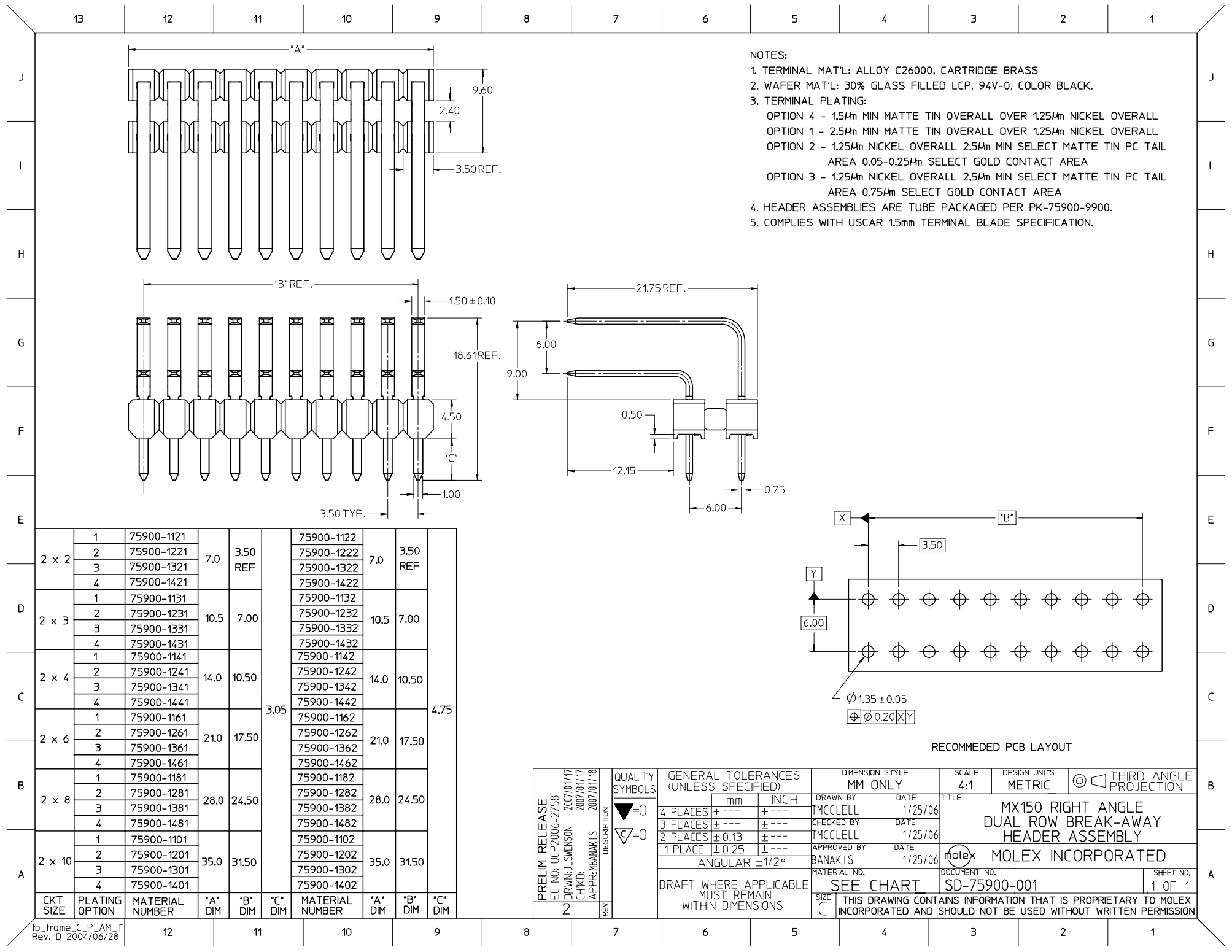
Material Info

Reference - Drawing Numbers

Application Specification	AS-75900-203
Product Specification	PS-75757-000
Sales Drawing	SD-75900-001

This document was generated on 05/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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