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Part Number: [0767156008](#)
Status: **Active**
Description: 1.40mm (0.055") Pitch Tinman Right Angle, Dual End, 5 Pair, 8 Column, 120 Circuits, 85 Ohms, Lead Free

Documents:

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

General

Product Family	Backplane Connectors
Series	76715
Application	Backplane
Comments	85 Ohms
Component Type	PCB Receptacle
Product Name	Tinman
Style	N/A

Physical

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	8
Number of Pairs	5
Number of Rows	15
Orientation	Right Angle
PC Tail Length (in)	0.098 In
PC Tail Length (mm)	2.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.055 In
PCB Thickness Recommended (mm)	1.40 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.074 In
Pitch - Mating Interface (mm)	1.90 mm
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-65°C to +90°C
Termination Interface: Style	Surface Mount

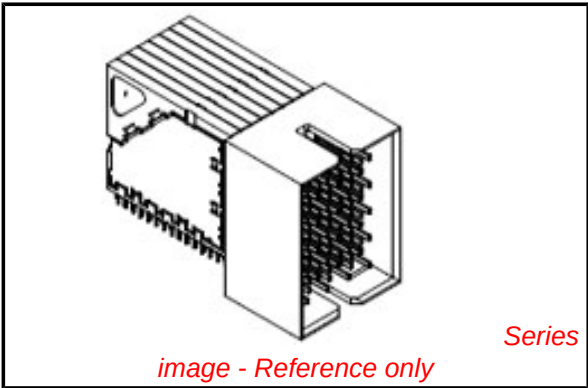
Electrical

Current - Maximum per Contact	0.5A
Data Rate	10.0 Gbps
Shielded	No
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0064
Sales Drawing	SD-76715-608



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.

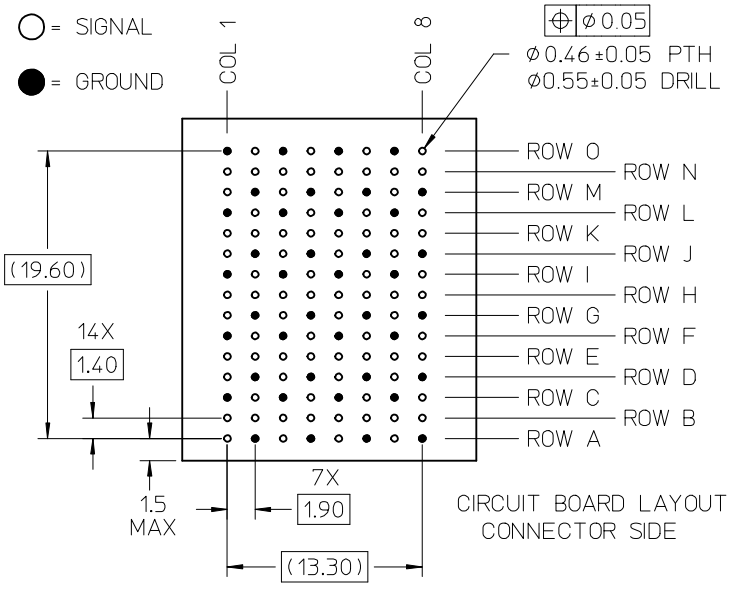
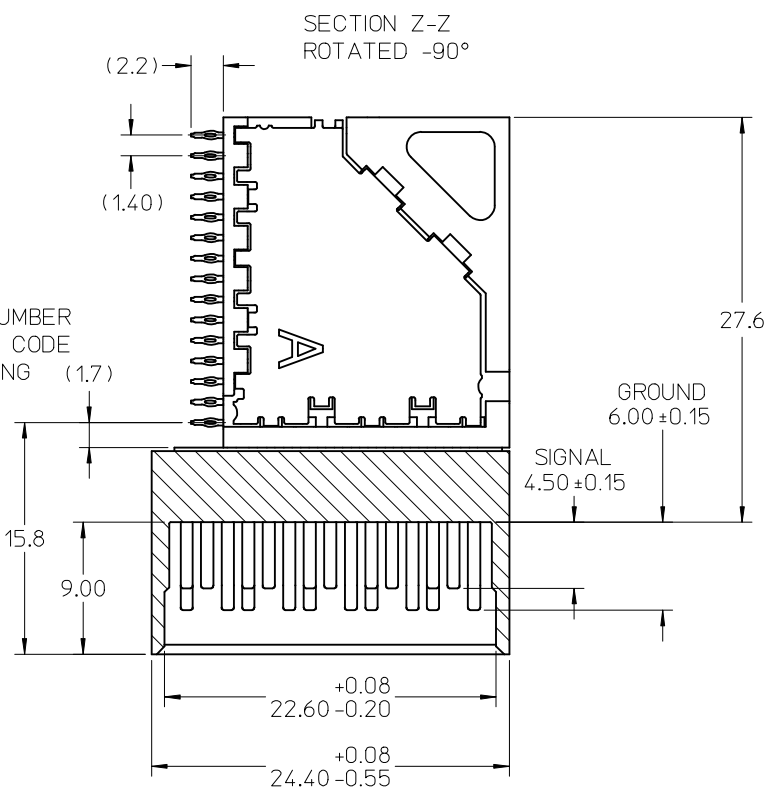
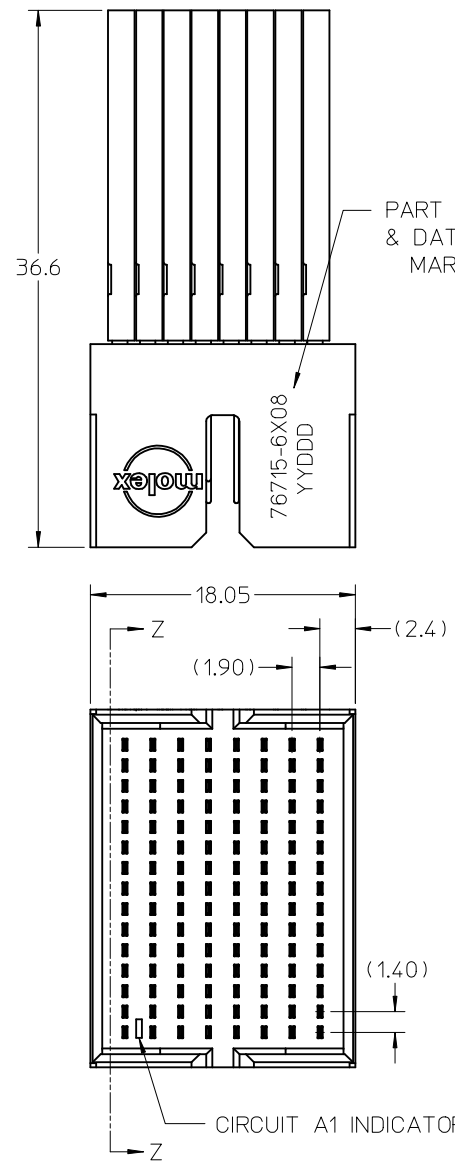
Search Parts in this Series

[76715Series](#)

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10	9
PART NUMBER	TAIL PLATING
76715-6008	MATTE TIN
76715-6108	TIN/LEAD



- NOTES:
1. MATERIALS: CONTACTS - COPPER ALLOY, HOUSING - LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, BLACK
 2. FINISHES: SELECTIVE GOLD (Au) IN CONTACT AREA, SELECTIVE MATTE TIN (Sn) OR TIN/LEAD (Sn/Pb) IN TAIL AREA, NICKEL (Ni) OVERALL.
 3. PARTS PACKAGED PER PK-70873-0064.
 4. THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-76706-999.
 5. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.
 6. MINIMUM CIRCUIT BOARD THICKNESS: 1.4

INITIAL RELEASE EC NO: UCP2009-1208 DRWN: JBINGHAM 2008/11/11 CHKD: 2008/11/13 APPR: JLAURX 2008/11/14 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ ⏏			
				mm	INCH	DRAWN BY JBINGHAM	DATE 2008/06/17	TITLE TINMAN 5-PAIR 85-OHM 8-COLUMN RT.ANGLE HEADER DUAL END SALES ASSEMBLY MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2008/06/17					
			3 PLACES	± ---	± ---	APPROVED BY RNELSON	DATE 2008/06/17					
			2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO. SD-76715-608				
			1 PLACE	± 0.25	± ---	SIZE B						
			ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 1 OF 1			