

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0307005241

Status:

Active

Overview:

hdac_64_dualrow_high_density_automotive_connectors

Description:

2.54mm (.100"), 3.50mm (.138") Pitch, H-DAC 64™ Hybrid Header, Dual Row,Right Angle, Polarization Option B, Gray, 24 Circuits

Documents:

Drawing (PDF)

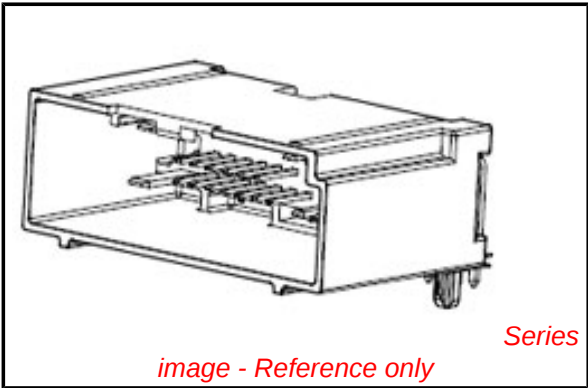
Application Specification (PDF)

Product Specification PS-30700-024 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	30700
Application	Board-to-Board
Comments	Polarization Option B
Overview	hdac_64_dualrow_high_density_automotive_connectors
Product Name	H-DAC 64™
Physical	
Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Modified Polystyrene
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.145 In
PC Tail Length (mm)	3.69 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.061 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	7A
Voltage - Maximum	500V



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

30700Series

Mates With

307001 H-DAC 64™ High Density Crimp Housing

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

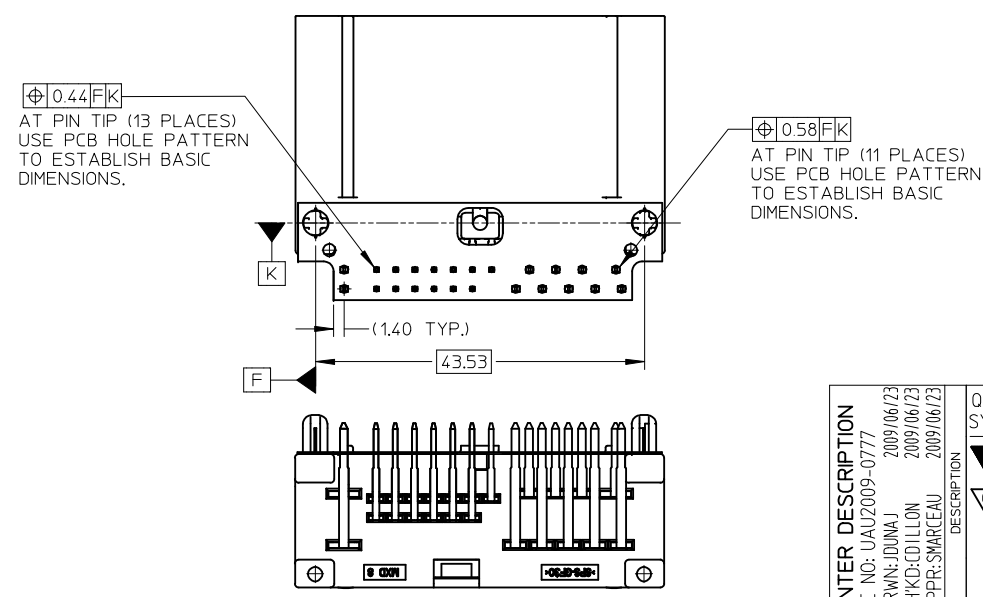
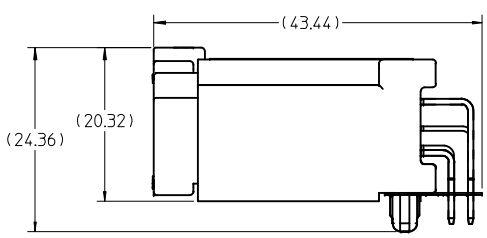
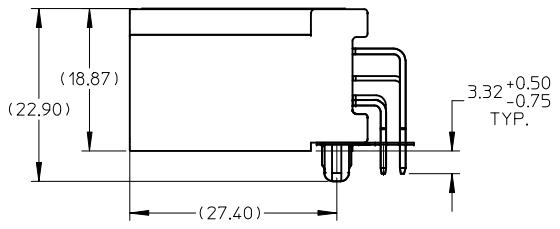
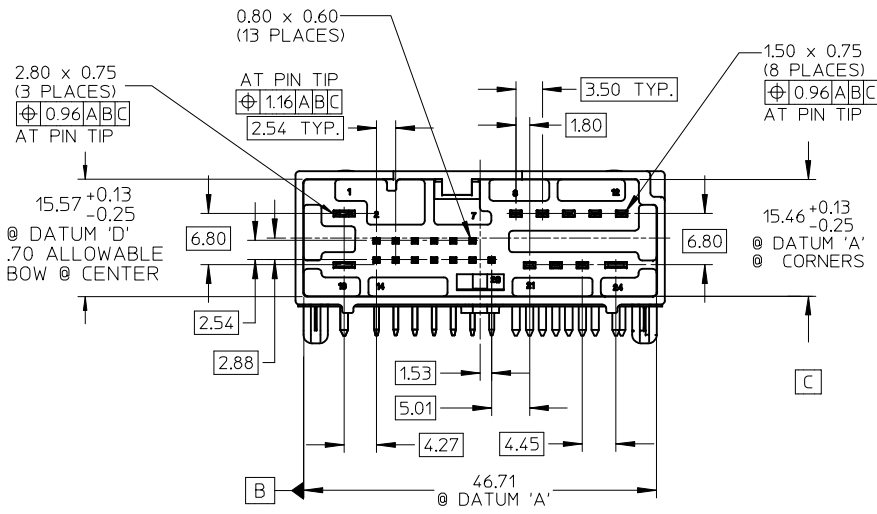
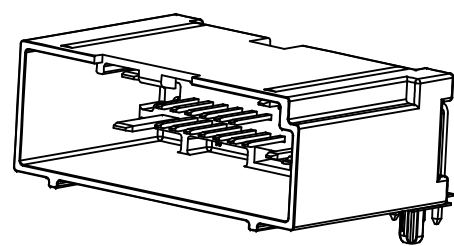
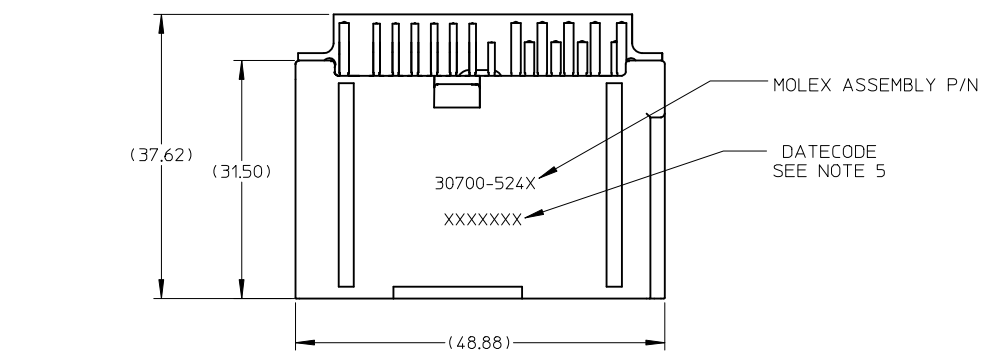
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-30907-261
Product Specification	PS-30700-024
Sales Drawing	SD-30700-524

This document was generated on 06/07/2010

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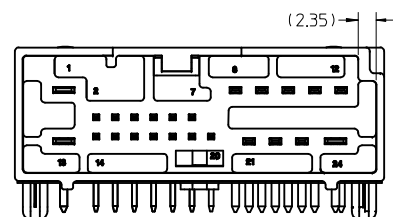
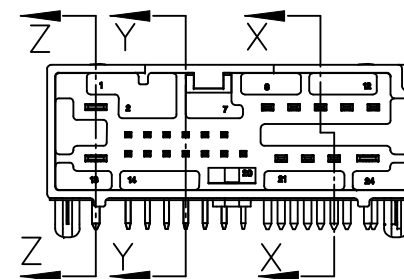


NOTES:

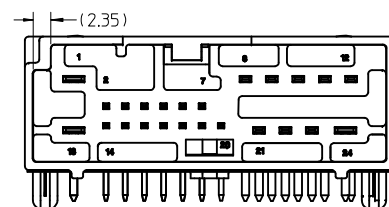
1. MATERIAL: HOUSING: SPS GLASS FILLED, COLOR: SEE CHART.
TERMINAL: COPPER ALLOY C26000.
PIN ALIGNMENT PLATE: MYLAR, COLOR: NATURAL (WHITE).
2. FINISHES: TERMINAL: TIN (Sn) OVERALL,
NICKEL (Ni) UNDERPLATE OVERALL.
3. PACKAGING SPECIFICATION : TRAY: PK-30907-261, TUBE: PK-30907-226.
4. MATES WITH: SERIES 30700, SEE SALES DRAWING SD-30700-124.
5. DATECODE DESCRIPTION:
 - 1ST DIGIT: MACHINE ID# (ALWAYS WILL BE '2')
 - 2ND THROUGH 4TH DIGIT: DAY# OF THE CALENDAR YEAR
(EXAMPLE: FEB. 3RD = '034')
 - 5TH DIGIT: LAST DIGIT OF THE CALENDAR YEAR
(EXAMPLE: 1999 = '9')
 - 6TH THROUGH 7TH DIGIT: HOUR OF THE DAY.
6. RECOMMENDED OPTIONAL SCREW: M2 x 0.89, 6mm IN LENGTH, PAN
COLLAR HEAD, 6 LOBE.
TORQUE: 7 NEWTON CENTIMETERS

ENTER DESCRIPTION EC NO: UAU2009-0777 DRWN: DUNA 2009/06/23 CHKD: COLLON 2009/06/23 APPR: SWARCEAU 2009/06/23			QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM ONLY		2:1	METRIC			
					mm	INCH	DRAWN BY	DATE	TITLE			24 CKT HEADER ASSEMBLY RIGHT ANGLE SALES DRAWING
				4 PLACES ± ---	± ---	± ---	RCARLSON	01/04/03				
				3 PLACES ± ---	± ---	± ---	CHECKED BY	DATE				
				2 PLACES ± 0.13	± ---	± ---	CKRISHNA	01/04/24				
				1 PLACE ± 0.25	± ---	± ---	APPROVED BY	DATE				
							LGEIB	01/04/24				

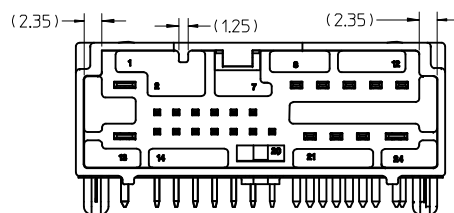
PACKAGING		POLARIZATION OPTIONS & COLOR	
ASSEMBLY P/N TRAY PACKED	ASSEMBLY P/N TUBE PACKED	RIGHT ANGLE HEADER ASSEMBLY (POLARIZATION OPTIONS)	HOUSING COLOR
30700-5240	30700-5244	POLARIZATION OPTION 'A'	GRAY
30700-5241	30700-5245	POLARIZATION OPTION 'B'	BLACK
30700-5242	30700-5246	POLARIZATION OPTION 'C'	NATURAL



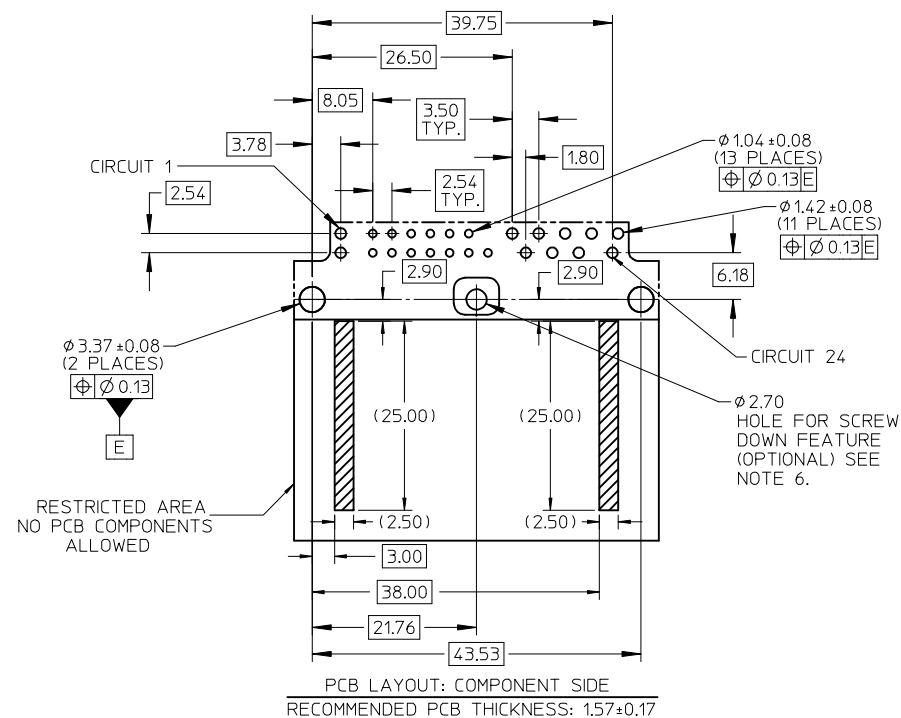
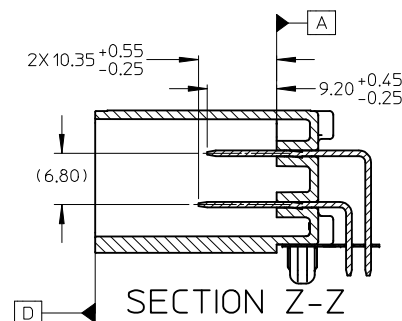
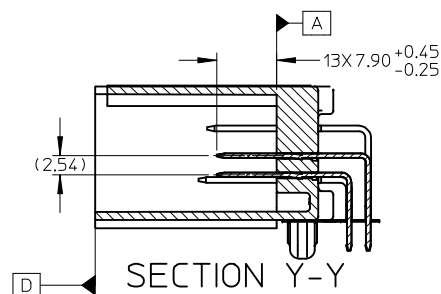
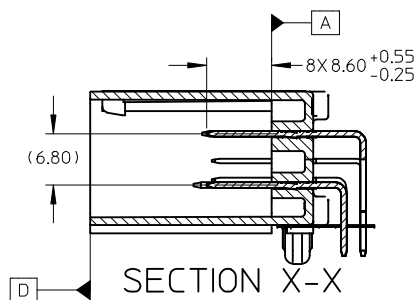
30700-5240/30700-5244
POLARIZATION 'A'



30700-5241/30700-5245
POLARIZATION 'B'



30700-5242/30700-5246
POLARIZATION 'C'



ENTER DESCRIPTION EC NO: UAU2009-0777 DRAWN: JUNA J CHKD: COLLON APPR: SMARCEAU	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY RCARLSON	DATE 01/04/03	TITLE 24 CKT HEADER ASSEMBLY RIGHT ANGLE SALES DRAWING		
			4 PLACES	± ---	± ---	CHECKED BY CKRISHNA	DATE 01/04/24			
			3 PLACES	± ---	± ---	APPROVED BY LGEIB	DATE 01/04/24	MOLEX INCORPORATED		
			2 PLACES	± 0.13	± ---	MATERIAL NO. 9999999999		DOCUMENT NO. SD-30700-524		SHEET NO. 2 OF 2
			1 PLACE	± 0.25	± ---					
			ANGULAR ± 1 °							
	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE (C)	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				