

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0366380004

Status:

Active

Overview:

cmc_connectors

Description:

2.50mm (.098"), 3.50mm (.138") CMC Header, Right Angle, 48 Position, 1 Port, Black, Lead-free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

36638

Wire-to-Board

cmc_connectors

CMC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

No

48

48

8 x 1.5mm & 40 x 0.635mm terminals

Black

20

Yes

No

Yes

Yes

Yes

0.264 In

6.70 mm

Brass

Tin

Tin

Polyester

4

Right Angle

0.114 In

2.90 mm

No

None

0.079 In

2.00 mm

Tray

0.098 In, 0.138 In, 0.146 In

2.50 mm, 3.50 mm, 3.70 mm

0.098 In, 0.138 In, 0.146 In

2.50 mm, 3.50 mm, 3.70 mm

160

4

160

4

Yes

Yes

Closed Ends

No

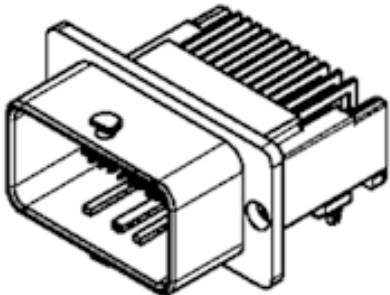


image - Reference only

Series

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

36638Series

Mates With

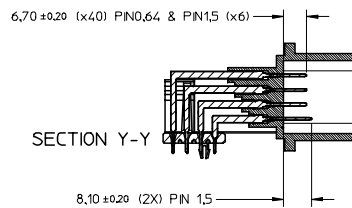
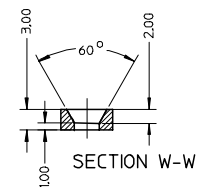
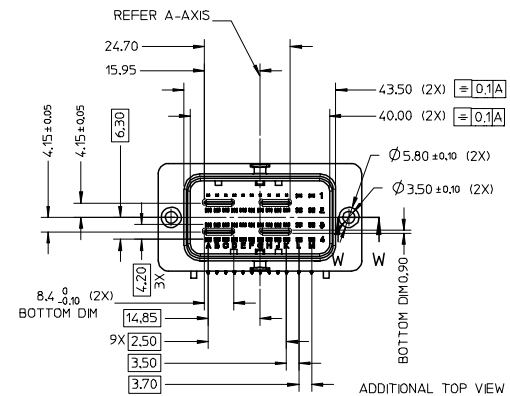
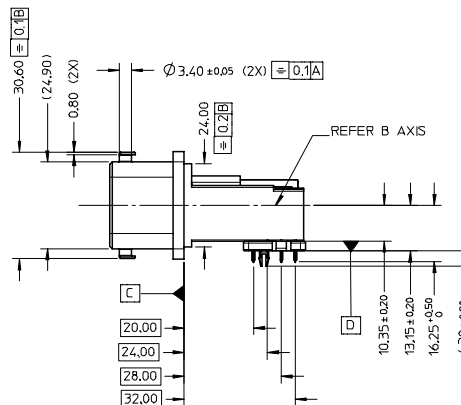
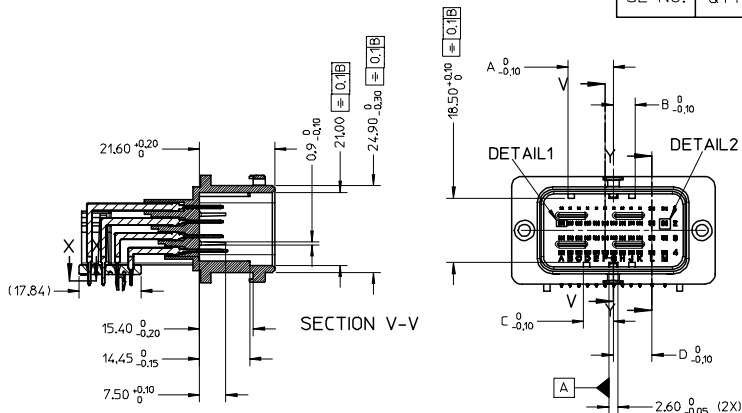
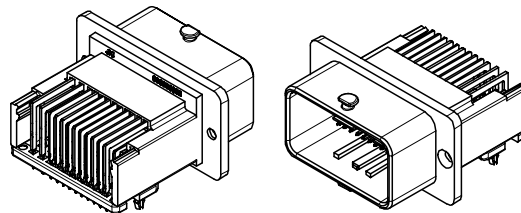
CMC Connectors [643201311](#) , [643203311](#)

Use With

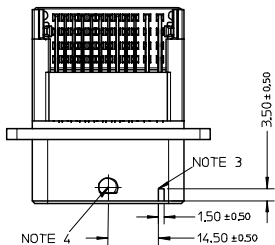
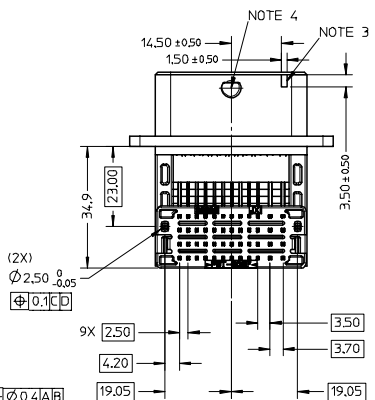
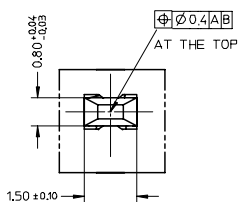
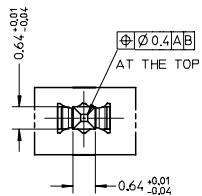
CMC Connectors [643201311](#) , [643203311](#).
CMC CP Terminals [64322](#) , [64323](#). CMC
Blind Plug for CP Terminal [64325](#). Wire Cap

RoHS COMPLIANT

4	1	GRID PLATE	PBT 30% GLASS FILLED	BLACK
3	1	HOUSING		BLACK
2	2	1.5	CuZn30	NICKEL UNDERCOAT: 1.3µM TO 2.2µM
1	10	0.64	CuZn30	MATTE TIN OVERCOAT: 4µM TO 5µM
SL NO.	QTY	DESIGNATION	MATERIAL	FINISH

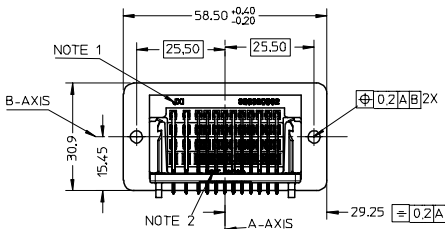
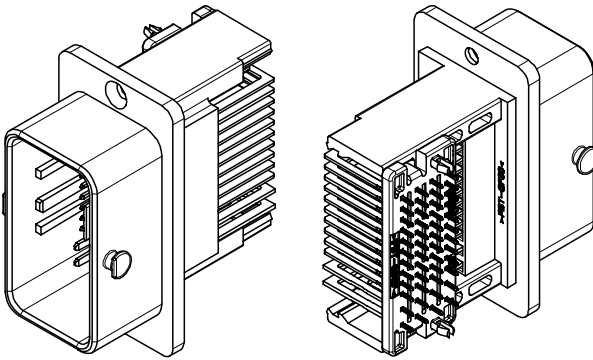


D	6.30	12.90
C	8.50	12.90
B	6.30	10.70
A	12.90	8.50
DIMENSION	366380002	366380003
	366380004	366380005
	366380006	366380007
	366380008	366380009
	(BLACK)	(BROWN)
MOLEX PN		

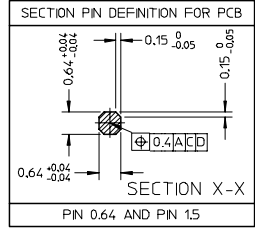
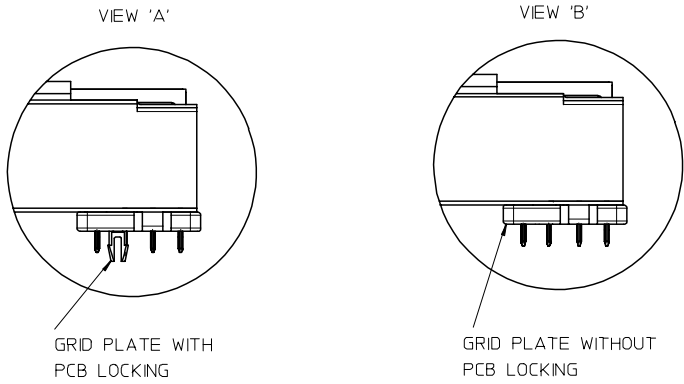


ENTER DESCRIPTION EC NO: 12008-0132	2007/09/20	2007/09/21	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	2007/09/20	2007/09/21			mm	INCH	DRAWN BY ROOPESH	DATE 08/05/2006	TITLE CMC HEADER 48/48WAY AND 48/36WAY T3 INTERFACE
	2007/09/20	2007/09/21			3 PLACES ± --- ± ---	CHECKED BY DINESH	DATE 08/05/2006	MOLEX MOLEX INCORPORATED	
	2007/09/20	2007/09/21			2 PLACES ± 0.1 ± ---	APPROVED BY DINESH	DATE 08/05/2006	DOCUMENT NO. SD-36638-002	
					1 PLACE ± 0.2 ± ---				SHEET NO. 1 OF 3
					ANGULAR ± 1 °				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE 'A'			
REV						SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

ASSY CMC HEADER	ASSY CMC 48 WAY 48 CKT	366380002	BLACK	AVAILABLE (SEE VIEW 'A')	1.6	1.5	L1 & M1,L2 & M2 L3 & M3,L4 & M4
		366380003	BROWN				A1 TO H1,J1 AND K1 A2 TO H2,J2 AND K2 A3 TO H3,J3 AND K3 A4 TO H4,J4 AND K4
		366380004	BLACK	NOT AVAILABLE (SEE VIEW 'B')	0.8/1.6/2.0	0.64	
		366380005	BROWN				
	ASSY CMC 48 WAY 36 CKT	366380006	BLACK	AVAILABLE (SEE VIEW 'A')	1.6	1.5	L2 & M2 L3 & M3,L4 & M4
		366380007	BROWN				A2 TO H2,J2 AND K2 A3 TO H3,J3 AND K3 A4 TO H4,J4 AND K4
		366380008	BLACK	NOT AVAILABLE (SEE VIEW 'B')	0.8/1.6/2.0	0.64	
		366380009	BROWN				
	DESIGNATION	MOLEX PN	CODING COLOUR	PCB LOCKING ON GRID PLATE	FOR PCB OF THICKNESS	PIN	CAVITIES NUMBER



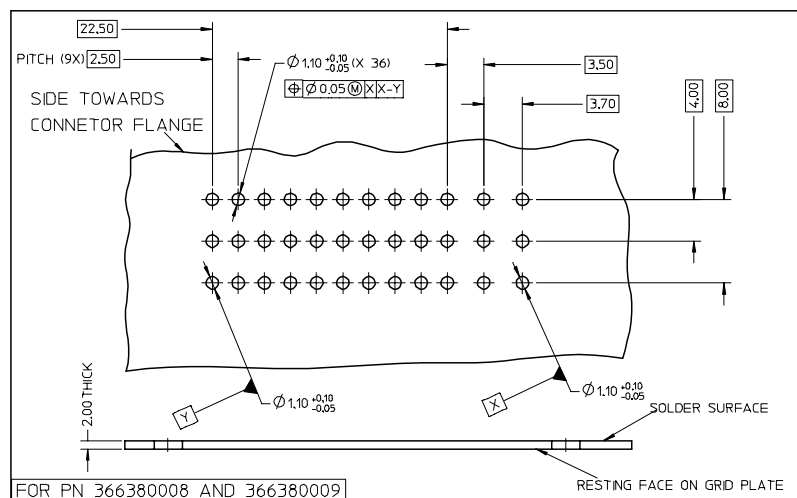
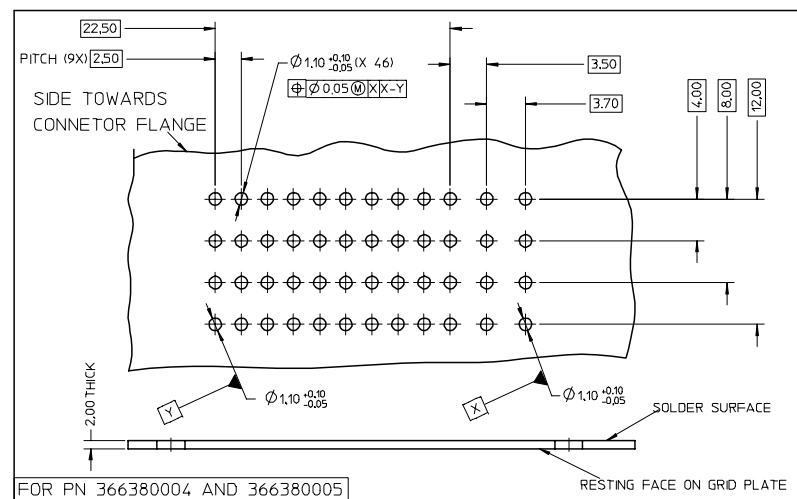
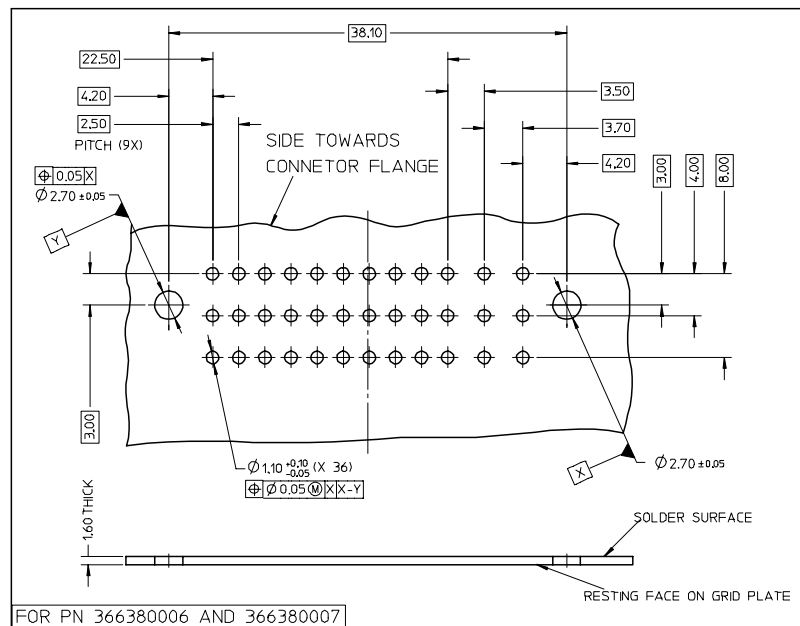
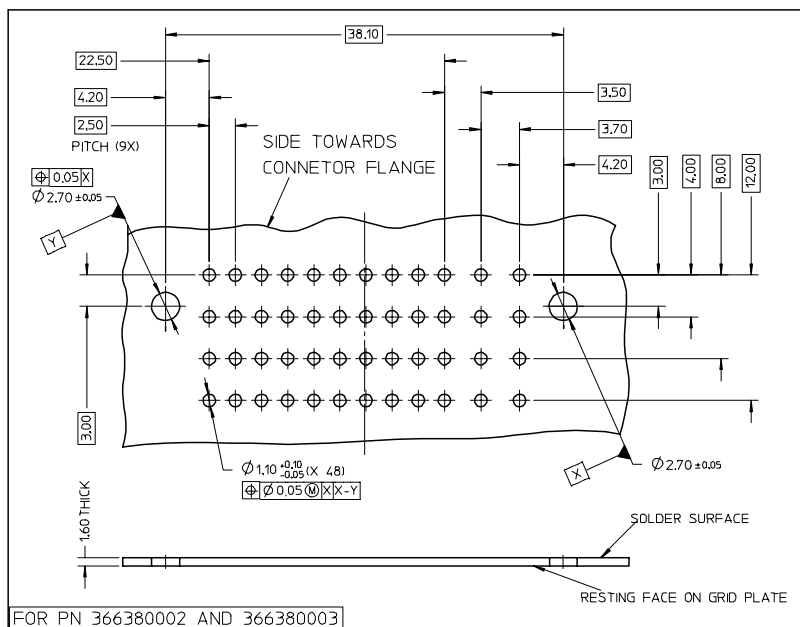
ADDITIONAL BACK VIEW



- NOTES :
1. AREA FOR JXI AND MOLEX PART NUMBER REPRESENTATION
 2. AREA FOR PLASTIC MATERIAL >PBT-30%GF< DESCRIPTION
 3. PAINT WITH WHITE COLOR(RoHS COMPLIANT) AT SPECIFIED TWO AREAS
 4. PAINT WITH BROWN COLOR(RoHS COMPLIANT) AT SPECIFIED AREA ON BOTH SIDE FOR PN: 366380003,366380005, 366380007,366380009.
 5. PART TO MEET SOLDERABILITY SPEC SMES-152
 6. PACKAGING SPECIFICATION PK-36638-002

ENTER DESCRIPTION EC NO: 12008-0132 DRAWN: RANGAPPAU1 2007/09/20 CHKD: KPRASAD 2007/09/21 APPR: KPRASAD 2007/09/21 REV 0	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1 °	DRAWN BY RUPESH CHECKED BY DINESH APPROVED BY DINESH MATERIAL NO. SIZE A2	DIMENSION STYLE 7. PCB TERMINAL HOLE 8. TERMINAL DATE 08/05/2006 08/05/2006 08/05/2006 SEE TABLE 'A'	SCALE 1:1 1:1 1:1 1:1 1:1 1:1	DESIGN UNITS MILS DIA METRIC MILS DIA METRIC MILS DIA METRIC MILS DIA METRIC MILS DIA METRIC MILS DIA METRIC	THIRD ANGLE FOR PROJECTION CMC HEADER 48 WAY AND 48/36 WAY T3 INTERFACE MOLEX INCORPORATED SD-36638-002	SHEET NO. 2 OF 3

INTERFACE PCB DEFINITION (SOLDER SIDE)



ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: 12008-0132		DRAWN BY		mm		MM ONLY		1:1		METRIC		PITCH 9X	
2007/09/20		ROOPESH		±---		DATE		TITLE		CMC HEADER		SHEET NO.	
2007/09/21		CHECKED BY		±---		DATE		8/05/2006		48/48WAY AND 48/36WAY		3 OF 3	
2007/09/21		DINESH		±0.1		DATE		8/05/2006		T3 INTERFACE			
		APPROVED BY		±0.2		DATE		8/05/2006		MOLEX INCORPORATED			
		DINESH		ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		SD-36638-002			
				DRAFT WHERE APPLICABLE		SEE TABLE 'A'							
				MUST REMAIN WITHIN DIMENSIONS		SIZE							
						A2							