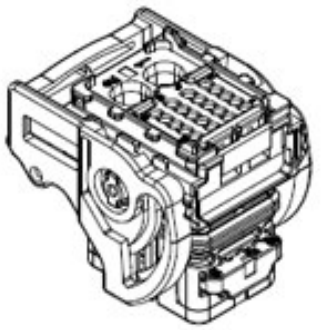
Part Number: 0643261002
Status: Active
Overview: cmc_connectors
Description: 2.50 mm (.098"), 4.20mm (.165") and 8.40mm, Power CMC Receptacles, 22 Circuits, Left Wire Output, Brown Coding with Rear Seal Cover

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Crimp Housings
Series	64326
Comments	* Current tested on a fully loaded connector, current for temperature increase of 40°C. Current max = 26.0A for 2.8mm Terminal (5.0mm² wire), 4.5A for 0.635mm Terminal (0.75mm² wire)
Overview	cmc_connectors
Product Name	CMC

Physical

Circuits (maximum)	22
Circuits Detail	2 x 2.80mm (.110") terminals high current, 20 x 0.635mm (.025") terminals signal pin
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface (in)	0.098 In, 0.165 In, 0.330 In
Pitch - Mating Interface (mm)	2.50 mm, 4.20 mm, 8.40 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	26A, 4.5A

Material Info

Reference - Drawing Numbers

Application Specification	AS-64326-001
Sales Drawing	SD-64326-001, SD-64326-002

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
64326Series

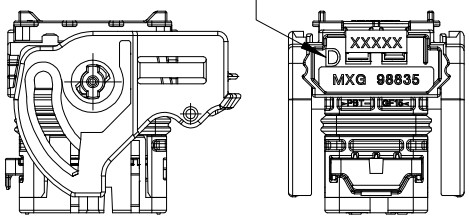
Mates With
No free available mating header, please contact Product Manager

Use With
Terminals 64322 CP 0.635mm (.025”), 64324 CP 2.80mm (.110”), 643251010 Blind Plugs for CP 0.635mm (.025”) cavity 643251091 Seal Plug for CP 2.80mm (.110”) cavity, Wire Cap 643191201

FEMALE MODULE 22 WAY
WITH REAR SEAL COVER CMC 22 WAY

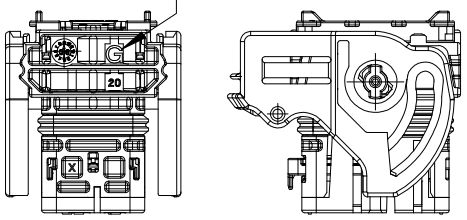
FEMALE MODULE RIGHT WIRE OUTPUT

RIGHT MARKING: "D"

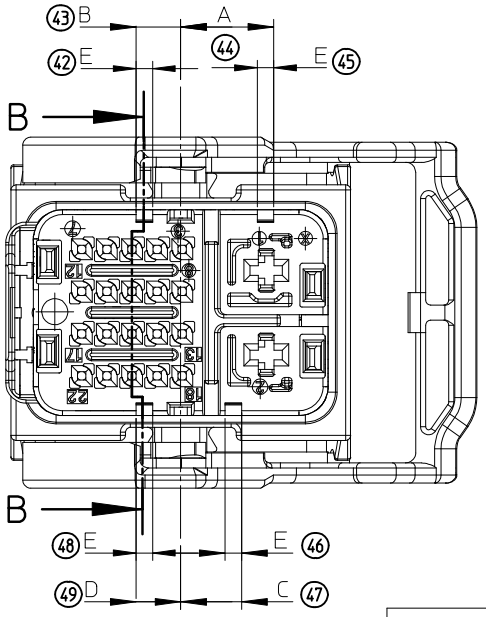


FEMALE MODULE LEFT WIRE OUTPUT

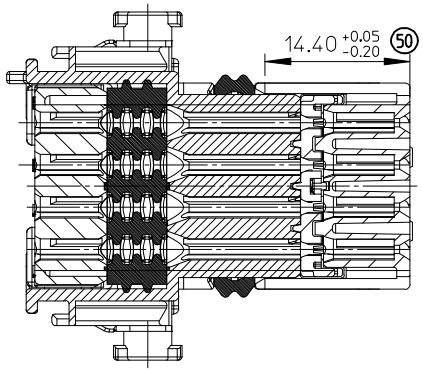
LEFT MARKING: "G"



MOLEX PART NUMBERS	COLOR	MOLEX PART NUMBERS	COLOR
0643261001	BLACK	0643261002	BLACK
0643261005	BROWN	0643261006	BROWN
0643261009	BLUE	0643261010	BLUE



B-B
2:1



ASSOCIATED TERMINALS

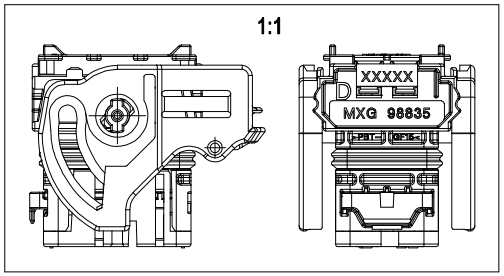
CAVITIES N°	TERMINAL	PLATING	MOLEX P/N°	WIRE SEAL P/N°	MIN / MAX WIRE INSULATION DIAMETER
1 to 2	CP2.8 0.50mm2 to 1mm2	Tin plated	0643241049	0643251162	Ø1.40 min / Ø2.15 Max
		Gold plated	0643241149		
	CP2.8 >1mm2 to 2mm2	Tin plated	0643241039	0643251175	Ø2.10 min / Ø2.80 Max
		Gold plated	0643241139		
	CP2.8 >2mm2 to 3mm2	Tin plated	0643241029	0643251188	Ø2.65 min / Ø3.45 Max
		Gold plated	0643241129		
	CP2.8 >3mm2 to 5mm2	Tin plated	0643241019	0643251196	Ø3.40 min / Ø4.00 Max
		Gold plated	0643241119		
3 to 22	CP0.6 0.35mm2	Tin plated	0643221019		Ø1.25 min / Ø1.40 Max
		Gold plated	0643221229		
	CP0.6 0.50mm2	Tin plated	0643221039		Ø1.40 min / Ø1.70 Max
		Gold plated	0643221239		
	CP0.6 0.75mm2	Tin plated	0643221029		Ø1.60 min / Ø1.90 Max
		Gold plated	0643221219		

CODINGS

COLOR	A +0.10 0	B +0.10 0	C +0.10 0	D +0.10 0	E +0.10 0
BLACK	9.2	4.4	6.0	4.4	1.6
BROWN	6.0	7.6	9.2	9.2	1.6
BLUE	7.55	6.0	9.15	6.0	1.6

NOTES:

1- FOR ILLUSTRATION PURPOSE THE FEMALE MODULE SHOWN IS THE RIGHT WIRE OUTPUT "D", CODING BLACK
2- APPLICATION SPECIFICATION: AS-64326-001
3- THE ASSEMBLED FEMALE MODULE IS ASSEMBLED WITH THE COVER P/N°0643191201
4- FOR 0.6 CAVITIES USE PLUGS P/N°:0643251010
5- FOR 2.8 CAVITIES USE CAP SEALS P/N°: 0643251091
6- PART WEIGHT: 31.000 g



FIRST RELEASE
EC NO: G2009-0122
DRWN:GDESBRUERES 2008/12/19
CHKD:O.PLESSIS 2008/12/19
APPR:CBOUCHAN 2009/01/12
DESCRIPTION
REV
1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

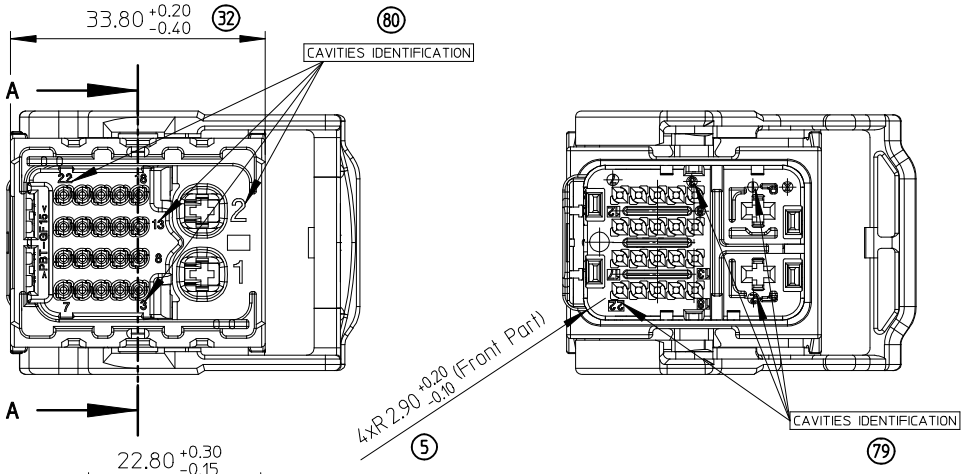
DRAWN BY: G.DESBRUERES DATE: 2008/10/02
CHECKED BY: O.PLESSIS DATE: 2008/10/02
APPROVED BY: C.BOUCHAN DATE: 2008/10/03
MATERIAL NO.: SEE CHARTS

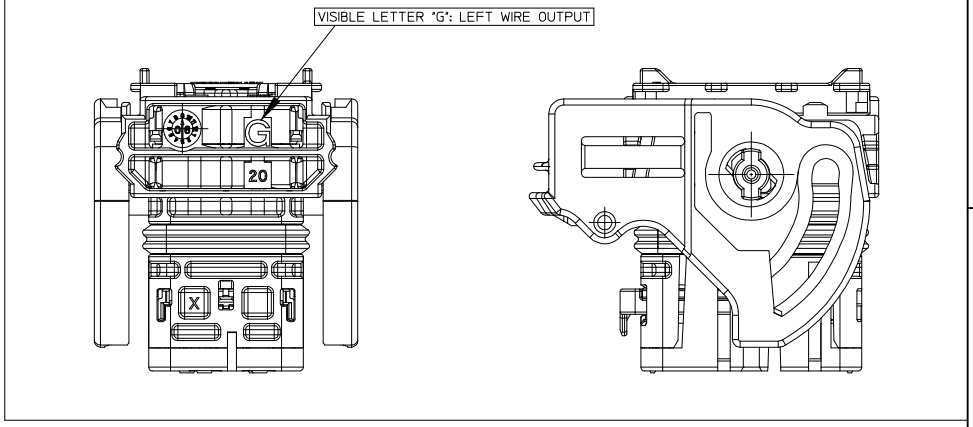
TITLE: CMC FEMALE MODULE 22W GENERIC SALES DRAWING

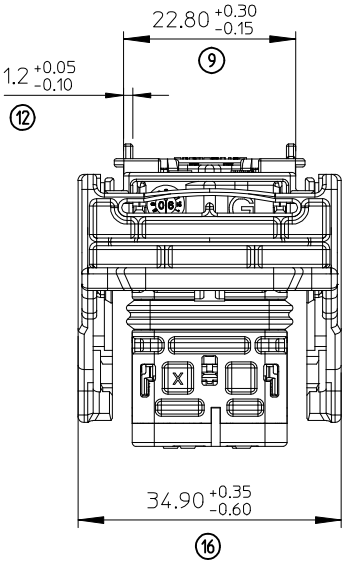
MOLEX INCORPORATED

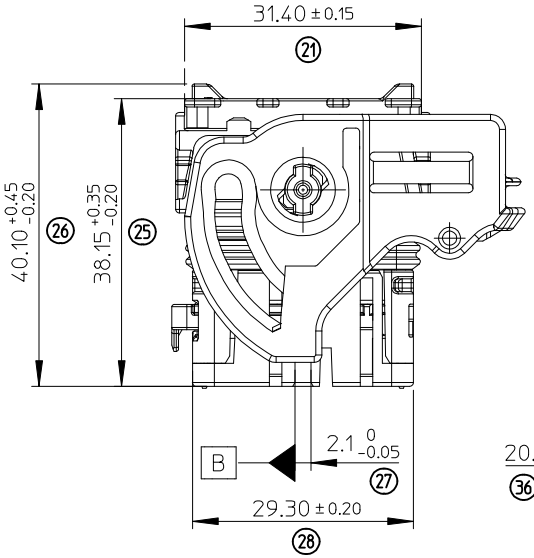
DOCUMENT NO.: SD-64326-001
SHEET NO.: 1 OF 3
SIZE: A3

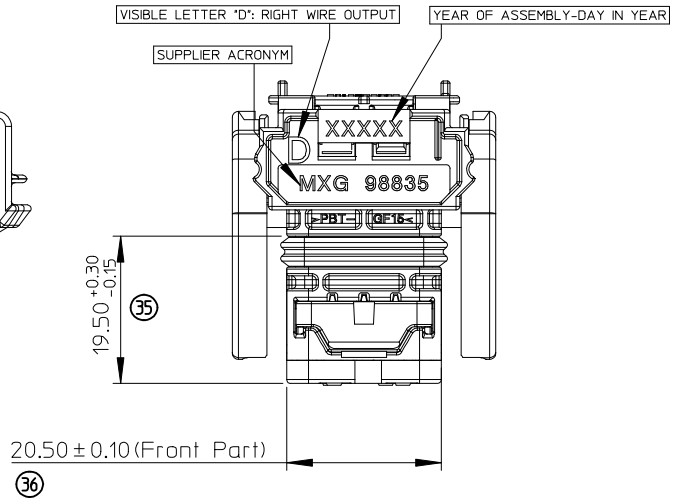
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

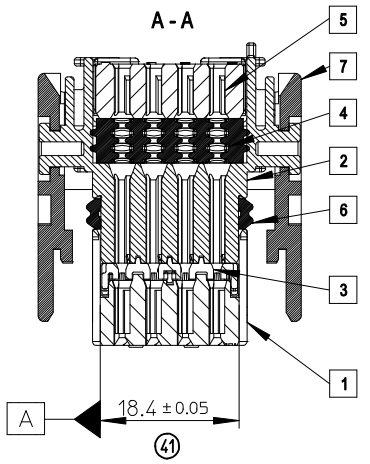












POS.	QTY	P/N°	DESIGNATION	MATERIAL	COLOR
7	1	0989930241	LEVER SIZE T2	>PBT-GF30<	BLACK
6	1	0986560001	PERIMETER SEAL	SILICONE	BLUE
5	1	0988350007	REAR SEAL COVER 22 way	>PBT-GF15 FR(17)< CLASS UL-V0	GREY
4	1	0988350006	BACK SEAL	SILICONE	GREEN
3	1	0988350005	T.P.A	>PBT-GF15 FR(17)< CLASS UL-V0	YELLOW
2	1	0988350004	HOUSING TOP PART	>PBT-GF15 FR(17)< CLASS UL-V0	BROWN
1	1	0988350001	HOUSING BOTTOM PART	>PBT-GF15 FR(17)< CLASS UL-V0	BLACK
		0988350002			BROWN
		0988350003			BLUE

FIRST RELEASE
EC NO: G2009-0122
DRWN:GDESBRUERES 2008/12/19
CHKD:O.PLESSIS 2008/12/19
APPR:CBOUCHAN 2009/01/12
DESCRIPTION
REV
1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1.5:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: G.DESBRUERES DATE: 2008/10/02
CHECKED BY: O.PLESSIS DATE: 2008/10/02
APPROVED BY: C.BOUCHAN DATE: 2008/10/03
MATERIAL NO.: SEE SHEET 1

TITLE: CMC FEMALE MODULE 22W GENERIC SALES DRAWING

molex MOLEX INCORPORATED

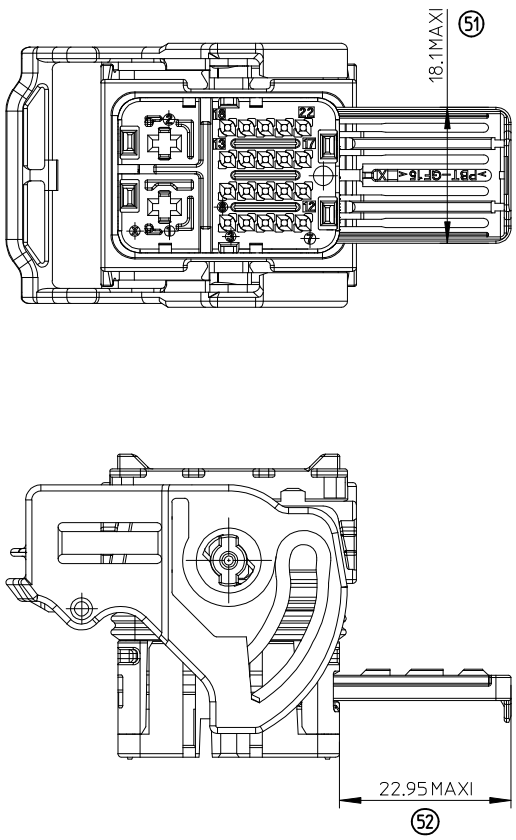
DOCUMENT NO.: SD-64326-001
SHEET NO.: 2 OF 3

SIZE A3

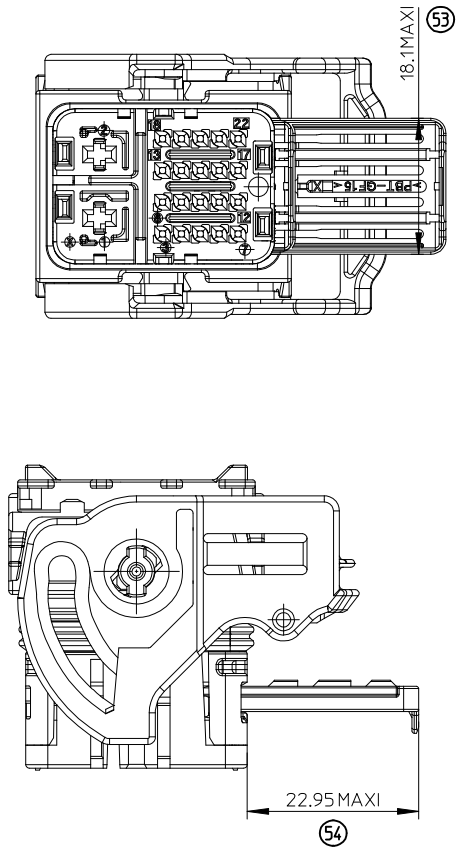
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FEMALE MODULE OVERALLS - T.P.A IN POSITION TO FIT TERMINALS

FEMALE MODULE - RIGHT WIRE OUTPUT

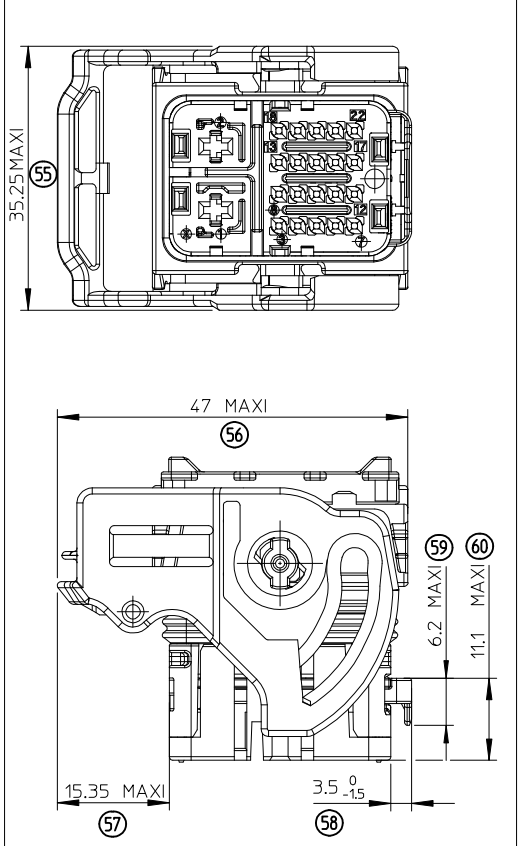


FEMALE MODULE - LEFT WIRE OUTPUT

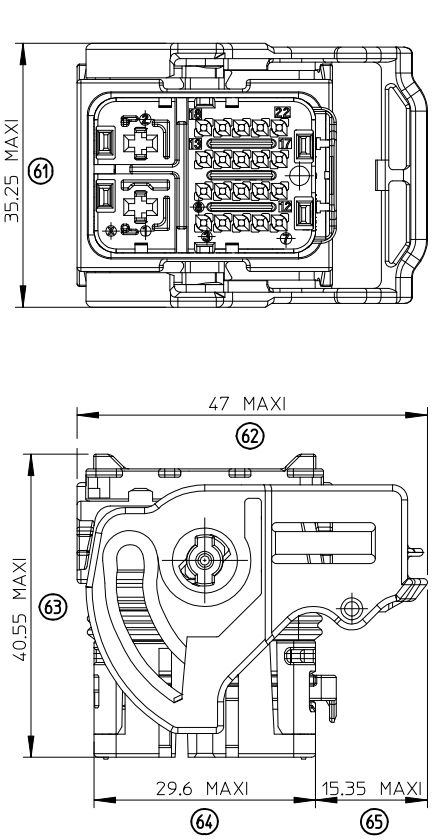


FEMALE MODULE OVERALLS - T.P.A IN DELIVERY POSITION

FEMALE MODULE - RIGHT WIRE OUTPUT



FEMALE MODULE - LEFT WIRE OUTPUT



FIRST RELEASE	2008/12/19	DESCRIPTION
EC NO: G2009-0122		
DRWN:GDESBRUERES	2008/12/19	
CH'KD:O.PLESSIS	2008/12/19	
APPR:CBOUCHAN	2009/01/12	
1		REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY	G.DESBRUERES	DATE 2008/10/02
CHECKED BY	O.PLESSIS	DATE 2008/10/02
APPROVED BY	C.BOUCHAN	DATE 2008/10/03
MATERIAL NO.	SEE SHEET 1	

TITLE: CMC FEMALE MODULE 22W GENERIC SALES DRAWING

molex MOLEX INCORPORATED

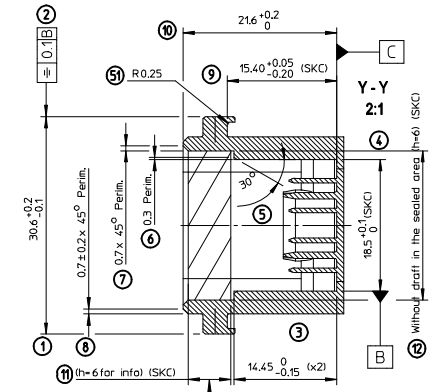
DOCUMENT NO. SD-64326-001

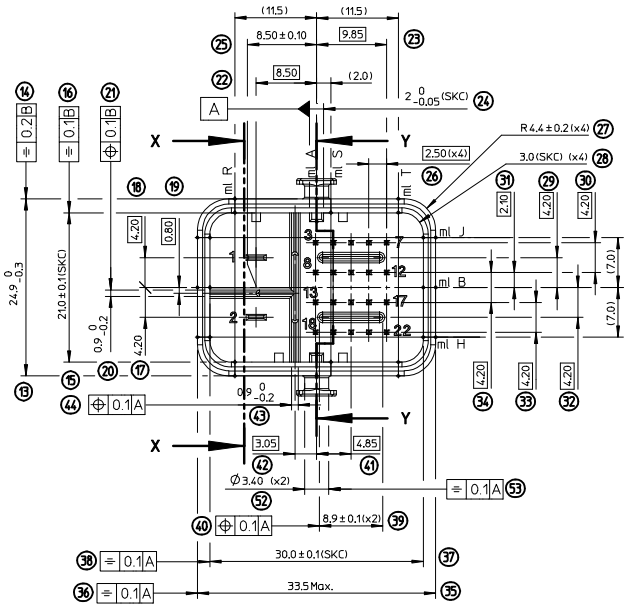
SHEET NO. 3 OF 3

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

HOUSING OVERALLS - MALE TERMINALS AND WALLS FOR PROTECTION IMPLANTATION





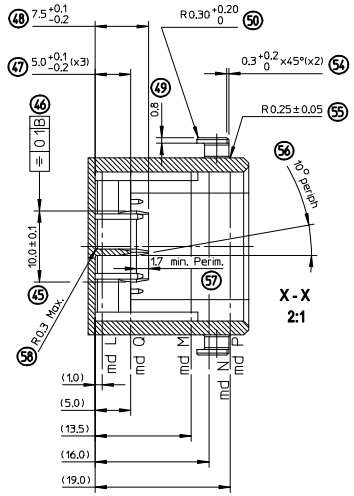
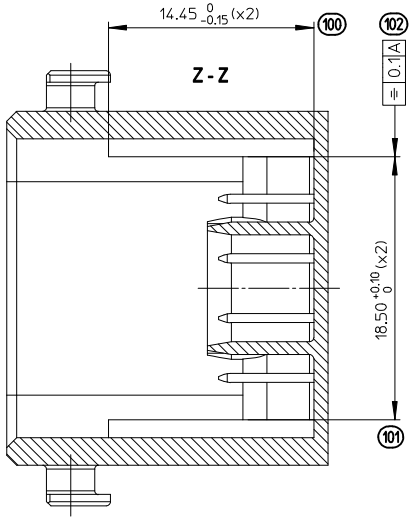
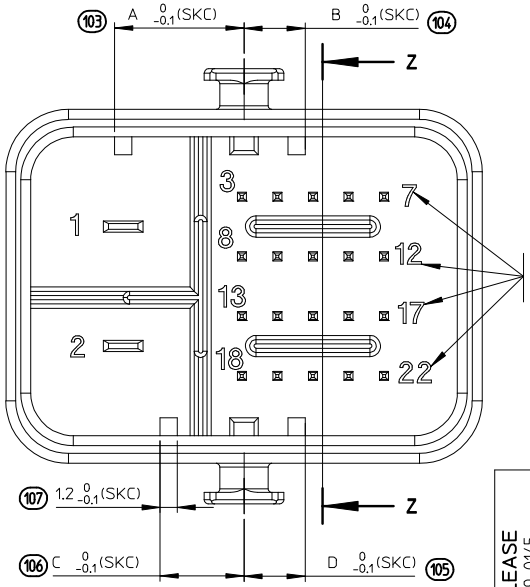


CHART MEASURES FOR INTERFACE

NUMB.	DIMENSION	MEASURE LINE ml	MEASURE DEPTH md
35	33.5 MAXI	B H J	P
37	30 ±0.1	B H J	N P
	29.8 mini 30.1 MAXI	B H J	L
15	21 ±0.1	R T	L N P
		S	L
		A	N P
	20.8 mini 21.1 MAXI	R S T	L
13	24.9 0/-0.3	A R T	P
10	21.6 +0.2/0	MAX / MIN	
28	R3.0 ±0.1		N P
4	18.5 +0.1/0	A	L M Q
107	1.2 0/-0.1	CODING	L M
101	18.5 +0.1/0	CODING	L M
103/105/106	9.1 0/-0.1	CODING	L M
103/104	7.5 0/-0.1	CODING	L M
103/104/105/106	5.9 0/-0.1	CODING	L M
104/105	4.3 0/-0.1	CODING	L M





CODINGS

CODINGS				
COLOR	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	9.1	4.3	5.9	4.3
BROWN	5.9	7.5	9.1	9.1
BLUE	7.45	5.9	9.05	5.9

CODINGS LOCATION

(BLACK CODING SHOWN)

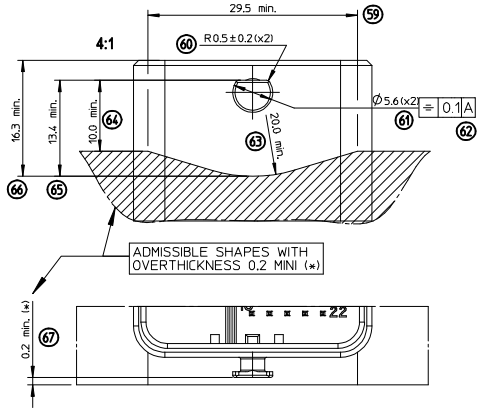
4:1

(SKC) SPECIAL KEY CHARACTERISTICS
- DENOTES S.P.C DIMENSIONS
- DENOTES CRITICAL DIMENSIONS
- DENOTES FUNCTIONAL DIMENSIONS

QUANTITY PER INDIVIDUAL SHEET
0 0 0 (SKC) 13

LOCKING AXIS PROTECTION

NECESSARY OVERTHICKNESS : DIMENSIONS NOTED (*)
IF THE LOCKING AXIS ARE OUT OF CALCULATOR'S OVERALLS



NOTES:

-MATING SURFACES WITHOUT ANY FLASH

-HEADER PPA GF 33% AND PBT GF 30% RECOMMANDED

FIRST RELEASE
EC NO: G2009-0145
DRWN:GDESBRUERES 2008/12/11
CHKD:O.PLESSIS 2008/12/11
APPR:.CBOUCHAN 2008/12/16
DESCRIPTION
REV 1

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: G.DESBRUERES DATE: 2008/10/09
CHECKED BY: O.PLESSIS DATE: 2008/10/09
APPROVED BY: C.BOUCHAN DATE: 2008/10/10
MATERIAL NO.: N/A

TITLE: INTERFACE FOR HYBRIDE MODULE 22CKT CMC GENERIC SALES DRAWING

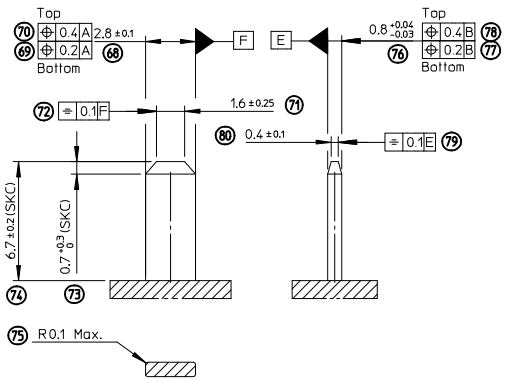
MOLEX INCORPORATED

DOCUMENT NO.: SD-64326-002
SHEET NO.: 1 OF 2

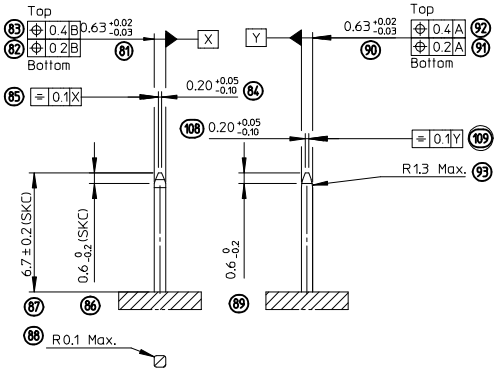
SIZE A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

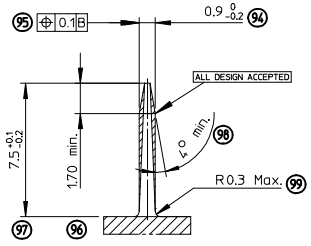
TAB 2.8 DEFINITION



PIN 0.635 DEFINITION

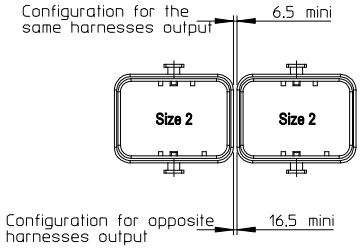


WALL FOR PROTECTION DEFINITION

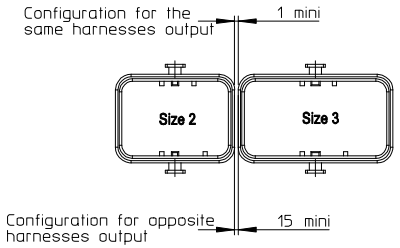


HEADERS LOCATION

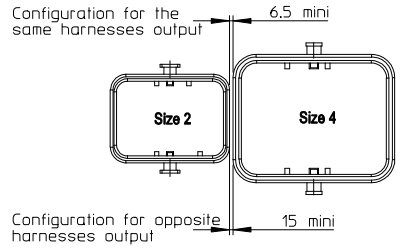
CONFIGURATION FOR 2 INTERFACES SIZE 2



CONFIGURATION FOR INTERFACES SIZE 2 & 3

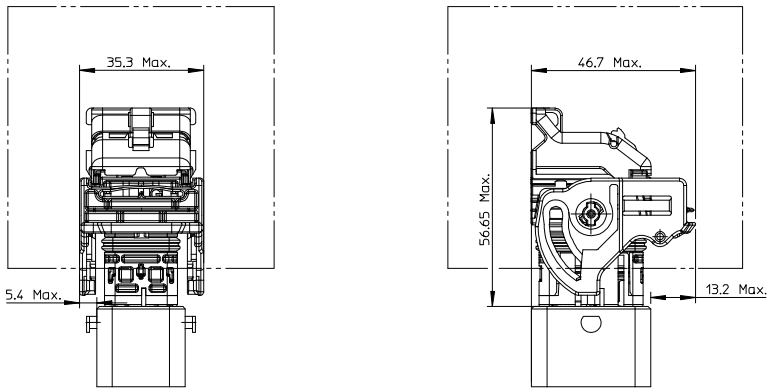


CONFIGURATION FOR INTERFACES SIZE 2 & 4

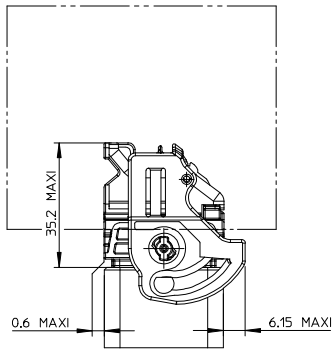


FEMALE HOUSING OVERALLS - MATING & UNMATING WITH HEADER

OVERALLS FOR MATING & UNMATING



LOCKED FEMALE HOUSING OVERALL DIMENSIONS



FREE AREA FOR MANUAL MATING & UNMATING

(SKC) SPECIAL KEY CHARACTERISTICS
DENOTES S.P.C DIMENSIONS
DENOTES CRITICAL DIMENSIONS
DENOTES FUNCTIONAL DIMENSIONS
QUANTITY PER INDIVIDUAL SHEET
0 0 0 (SKC) 4

FIRST RELEASE
EC NO: G2009-0145
DRWN:GDESBRUERES 2008/12/11
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DESCRIPTION
REV 1

QUALITY SYMBOLS 0 VF-0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.1	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: G.DESBRUERES DATE: 2008/10/09
CHECKED BY: O.PLESSIS DATE: 2008/10/09
APPROVED BY: C.BOUCHAN DATE: 2008/10/10
MATERIAL NO.: N/A

TITLE: INTERFACE FOR HYBRIDE MODULE 22CKT CMC GENERIC SALES DRAWING
MOLEX INCORPORATED
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