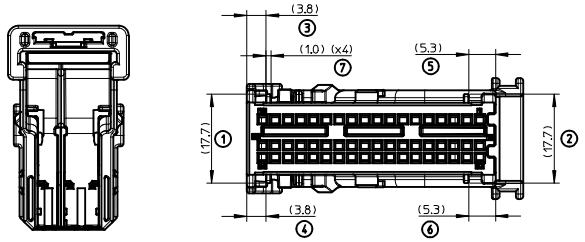
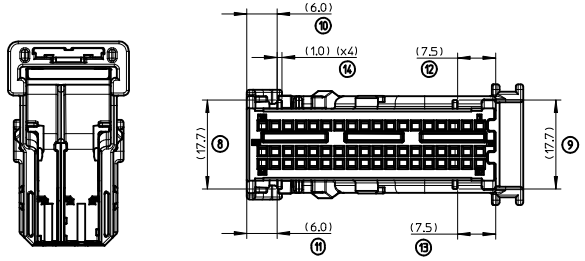
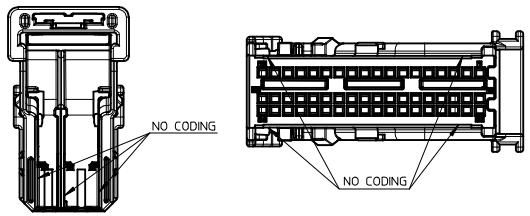
PART NUMBER:	098982 5011	CODING:	BLACK
MODULES P/N TO BE USED:	098982 5055	18W	GREEN
	098982 5065	36W	GREEN



PART NUMBER:	098982 5012	CODING:	GREY
MODULES P/N TO BE USED:	098982 5056	18W	BLUE
	098982 5066	36W	BLUE

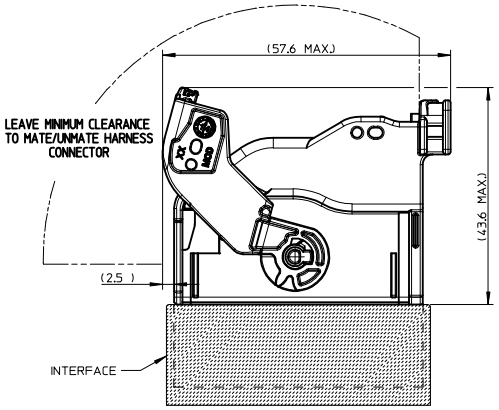


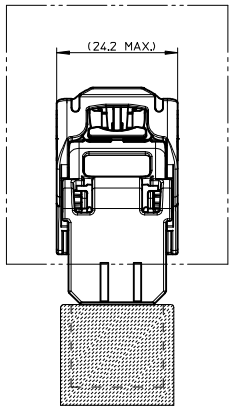
PART NUMBER:	098982 5019	CODING:	PURPLE (UNIVERSAL)
MODULES P/N TO BE USED:	098982 5055 OR 098982 5056	18W	GREEN - BLUE
	098982 5065 OR 098982 5066	36W	GREEN - BLUE



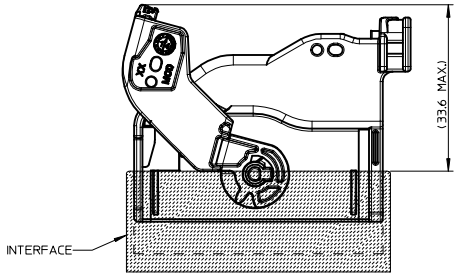
CODING OPTIONS (VIEWS WITHOUT LOCKING LEVER)

CLEARANCE FOR CONNECTOR MATE AND UNMATE

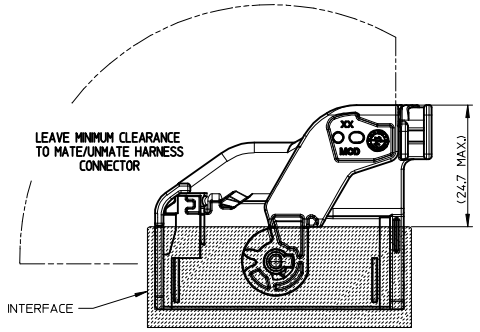




PRE-LOCKING POSITION



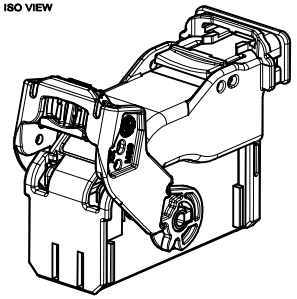
CONNECTOR FULLY MATED



MODIFICATIONS

REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2017/02/13

ISO VIEW



DOC FIRST RELEASE	REV	DESCRIPTION
EC NO: G2017-0052	A	DRWN:GDESBRUERES 2017/02/13
		CHKD:CBOUCHAN 2017/02/13
		APPR:SLAFAURE 2017/03/14

QUALITY SYMBOLS: ▽=0 (4 PLACES), ▽=0 (3 PLACES), ▽=3 (2 PLACES)

GENERAL TOLERANCES (UNLESS SPECIFIED)

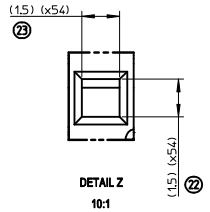
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---
ANGULAR	±---°	

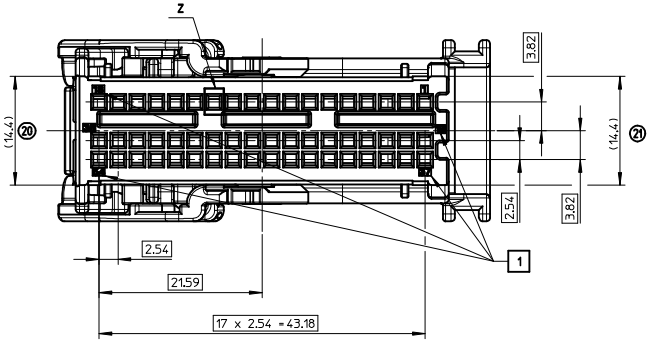
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

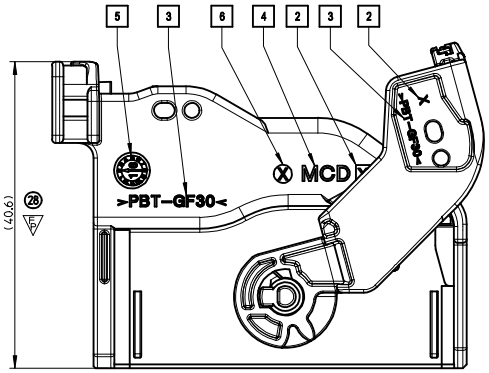
DIMENSION STYLE	MM ONLY
SCALE	2:1
DESIGN UNITS	METRIC
	FIRST ANGLE PROJECTION
DRAWN BY / DATE	GDESBRUERES 2017/02/13
CHECKED BY / DATE	CBOUCHAN 2017/02/13
APPROVED BY / DATE	SLAFAURE 2017/03/14
MATERIAL NO.	SEE CHART
TITLE	54CKT MQS FEMALE CONNECTOR
DOCUMENT NO.	SD-98982-005
SHEET NO.	1 OF 2
SIZE	A1

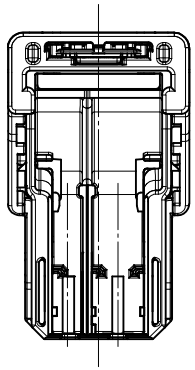
MODIFICATIONS

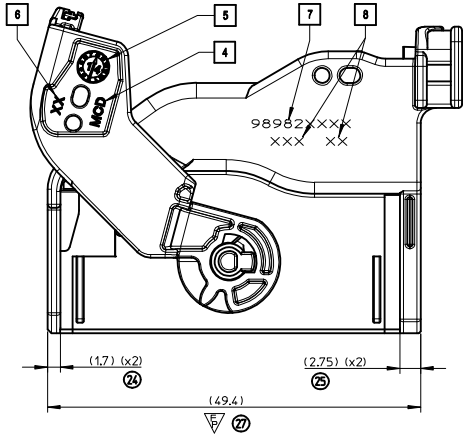
REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2017/02/13

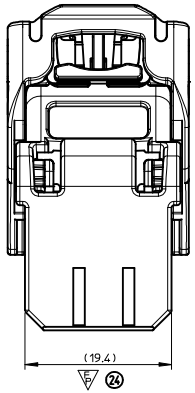












REPRESENTED ITEM :
BLACK CODING

MARKINGS ON PARTS		
1 TERMINALS CAVITIES ID	- PACKAGING ACCORDING:	PK-31302-277
2 MOLD CAVITY ID.	- PRODUCT SPECIFICATION N°:	TBD
3 MATERIAL	- APPLICATION SPECIFICATION N°:	TBD
4 SUPPLIER PLANT PRODUCTION	- THE FEMALE CONNECTOR WILL ONLY MATCH WITH MOLEX MODULES P/Ns: (SEE SHEET 1)	18CKT GREEN: 098982 5055 18CKT BLUE: 098992 5056 36CKT GREEN: 098982 5065 36CKT BLUE: 098982 5066
5 DATUM: MM/YY		
6 MOLD REVISION LEVEL		
7 ASSEMBLY P/N° LASER MARKING	- CAVITIES LOCATION AS PER INTERFACE DRAWING N°:	SD-98982-010
8 ASSEMBLY LASER MARKING DATE: DAY / YEAR	- PRODUCT WEIGHT (GRAMS):	14,5 GRAMS

DOC FIRST RELEASE
EC NO: G2017-0052
DRWN:GDESBRUERES 2017/02/13
CHKD:CBOUCHAN 2017/02/13
APPR:SLAFAURE 2017/03/14
DESCRIPTION
REV
A

QUALITY SYMBOLS
=0
=0
=3

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ±---°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

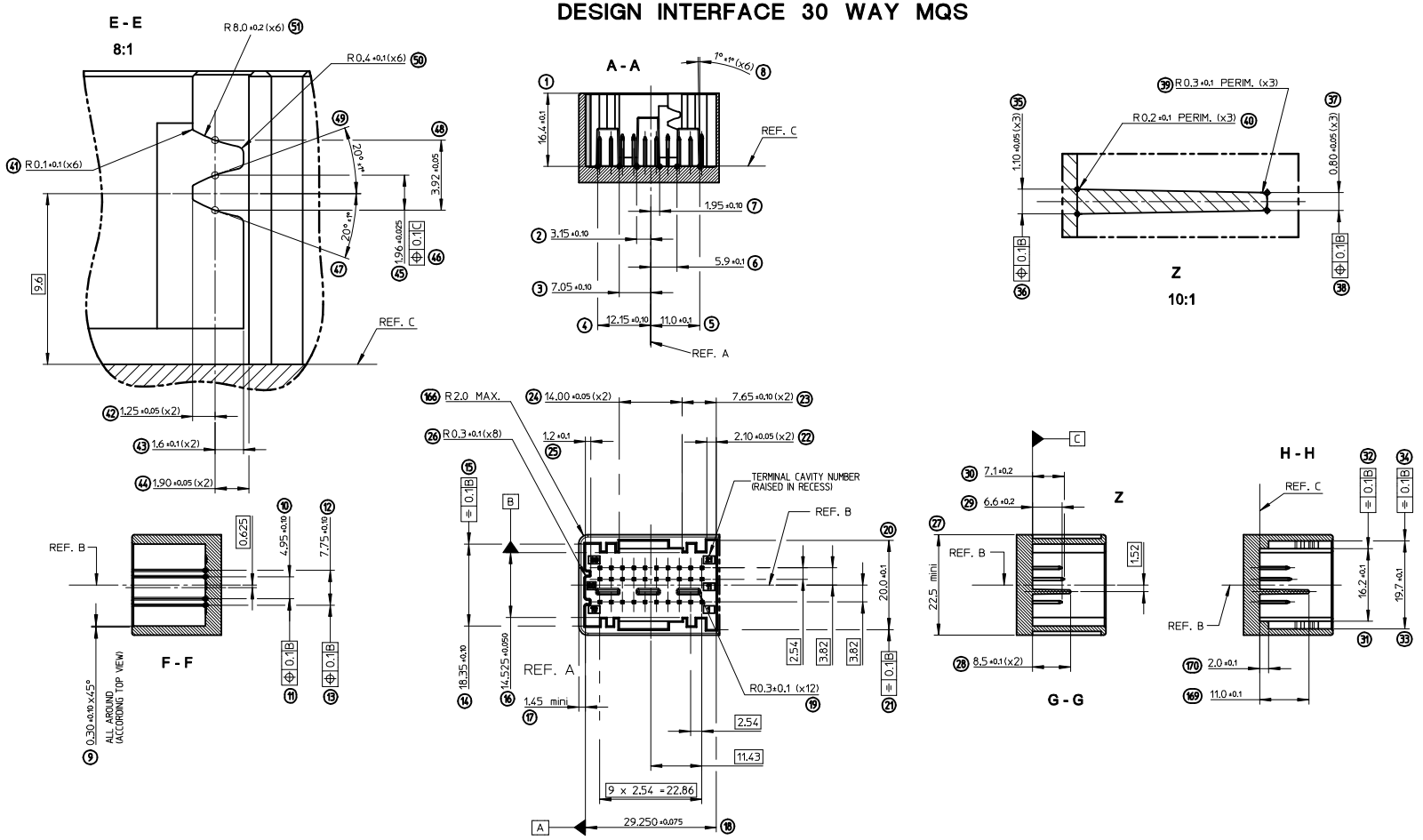
DRAWN BY: GDESBRUERES DATE: 2017/02/13
CHECKED BY: CBOUCHAN DATE: 2017/02/13
APPROVED BY: SLAFAURE DATE: 2017/03/14

TITLE: 54CKT MQS FEMALE CONNECTOR

molex

MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-98982-005
SHEET NO.: 2 OF 2
SIZE: A1

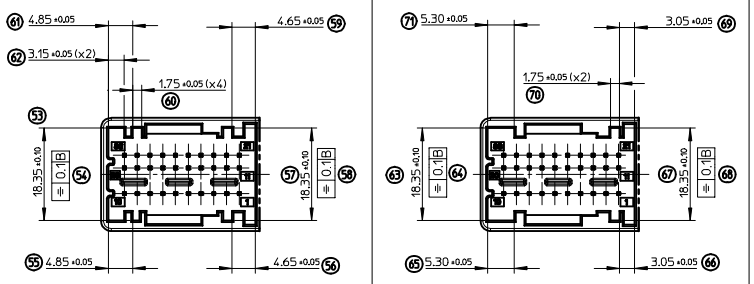
DESIGN INTERFACE 30 WAY MQS



MODIFICATIONS

REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2016/10/03

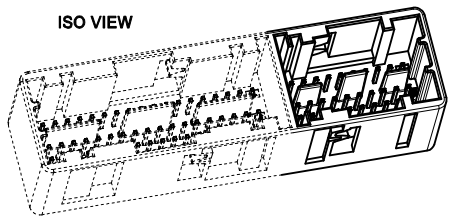
CODINGS



NOTES:

165 1 -HEADER MATERIAL: PBT GF (GLASS FIBER), WITH TENSILE MODULUS OF 8000 MPa MINIMUM AT 23°C AND STRAIN AT BREAK MIN 2%.
2 -TERMINALS: SEE SHEET 3/4.
3 -RADII WITHOUT DIMENSION: R0,3mm.

ISO VIEW



REV.	FIRST	LAST	REMOVED	NEW
A	1	178		

INSPECTION NUMBERS

DOC FIRST RELEASE
EC NO: G2017-0018
DRWN:GDESBRUERES 2016/10/03
CHKD:TBADAROUX 2016/10/03
APPR:CBOUCHAN 2017/05/10
DESCRIPTION
REV: A

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.20	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± 0.20	± ---

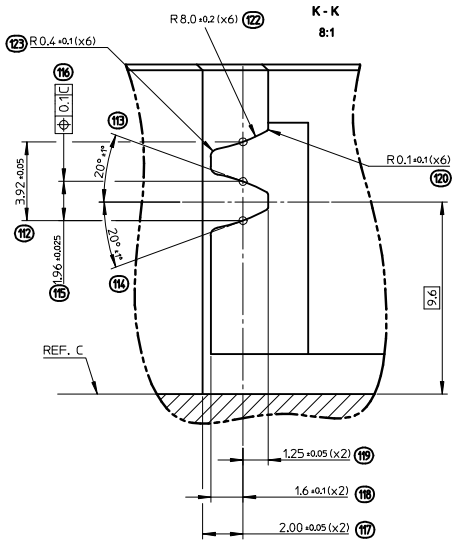
ANGULAR ± 2 °

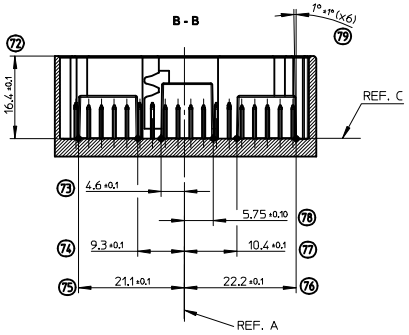
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

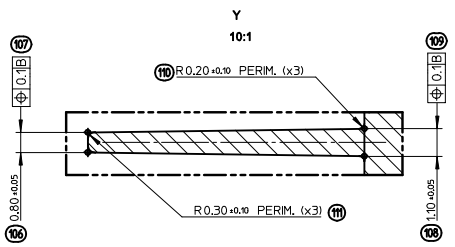
DIMENSION STYLE	MM ONLY
SCALE	2:1
DESIGN UNITS	METRIC
	FIRST ANGLE PROJECTION
DRAWN BY / DATE	GDESBRUERES 2016/10/03
CHECKED BY / DATE	TBADAROUX 2016/10/03
APPROVED BY / DATE	CBOUCHAN 2017/05/10
MATERIAL NO.	N A
TITLE	INTERFACE DRAWING 30 + 54 WAY - MQS
DOCUMENT NO.	SD-98982-010
SHEET NO.	1 OF 4
SIZE	A1

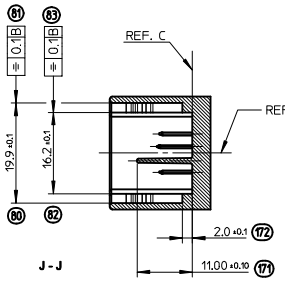
molex

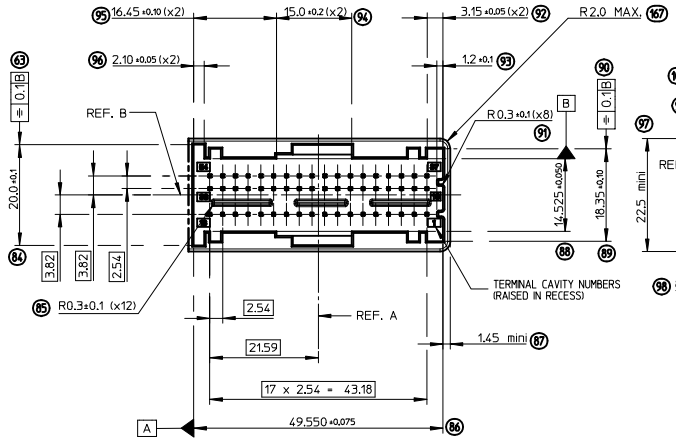
DESIGN INTERFACE 54 WAY MQS

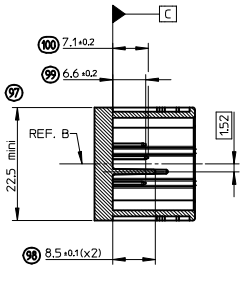


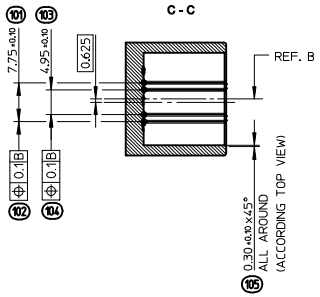






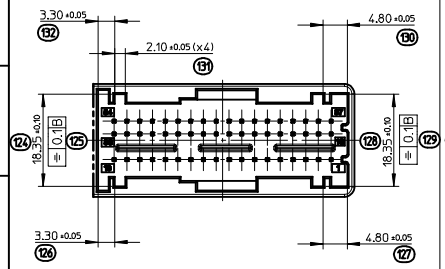




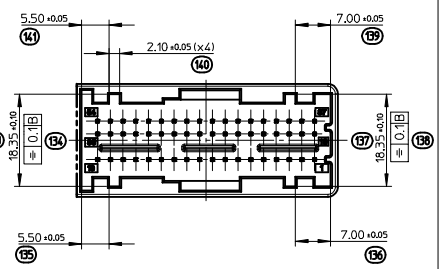


CODINGS

BLACK



GREY



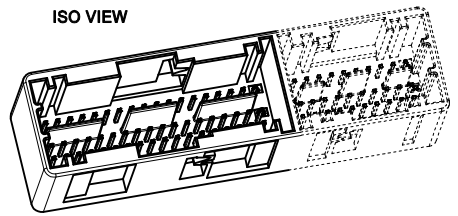
NOTES:

(165)
1 -HEADER MATERIAL: PBT GF (GLASS FIBER). WITH TENSILE MODULUS OF 8000 MPa MINMUM AT 23°C AND STRAIN AT BREAK MIN 2%.
2 -TERMINALS: SEE SHEET 3/4.
3 -RADII WITHOUT DIMENSION: R0.3mm.

MODIFICATIONS

REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2016/10/03

ISO VIEW



DOC FIRST RELEASE
EC NO: G2017-0018
DRWN:GDESBRUERES 2016/10/03
CHKD:TBADAROUX 2016/10/03
APPR:CBOUCHAN 2017/05/10
DESCRIPTION
REV: A

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.20	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± 0.20	± ---

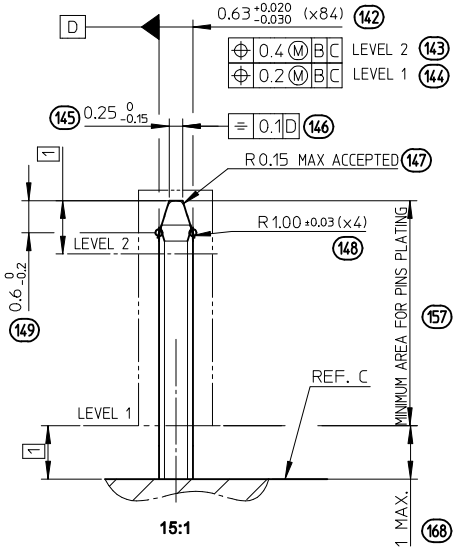
ANGULAR ± 2 °

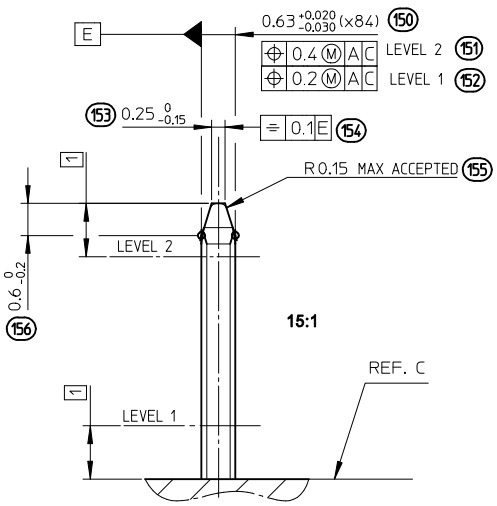
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

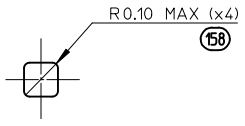
DIMENSION STYLE	MM ONLY
SCALE	2:1
DESIGN UNITS	METRIC
	FIRST ANGLE PROJECTION
DRAWN BY / DATE	GDESBRUERES 2016/10/03
CHECKED BY / DATE	TBADAROUX 2016/10/03
APPROVED BY / DATE	CBOUCHAN 2017/05/10
MATERIAL NO.	N A
TITLE	INTERFACE DRAWING 30 + 54 WAY - MQS
DOCUMENT NO.	SD-98982-010
SHEET NO.	2 OF 4
SIZE	A1

molex

PIN DESIGN FOR INTERFACE 30 AND 54 WAY MQS





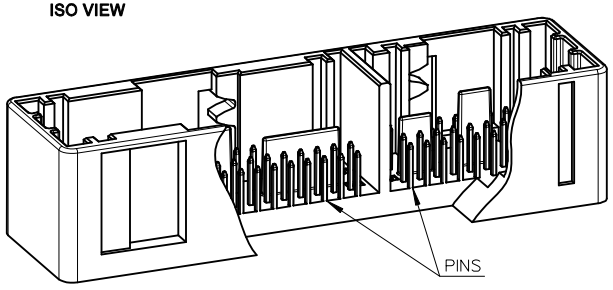


Z - Z
15:1

NOTES:

159
1 - TERMINALS MATERIAL: CuSn6 or CuZn30 (CuNiSi or CuFe2 or alternative)
2 - FINISH: Gold plated 0.4µ min over Nickel coating 1.27µ
Tin plated 0.8 to 3.3µ min over Nickel coating 1.27µ

ISO VIEW



MODIFICATIONS

REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2016/10/03

DOC FIRST RELEASE
EC NO: G2017-0018
DRWN:GDESBRUERES 2016/10/03
CH'KD:TBADAROUX 2016/10/03
APPR:CBOUCHAN 2017/05/10
DESCRIPTION
REV
A

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.20	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± 0.20	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

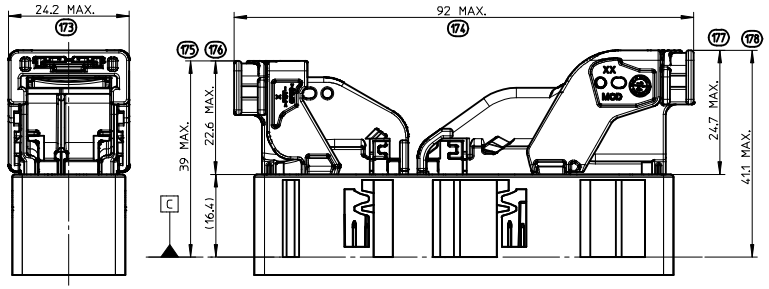
DRAWN BY: GDESBRUERES DATE: 2016/10/03
CHECKED BY: TBADAROUX DATE: 2016/10/03
APPROVED BY: CBOUCHAN DATE: 2017/05/10

TITLE: INTERFACE DRAWING 30 + 54 WAY - MQS

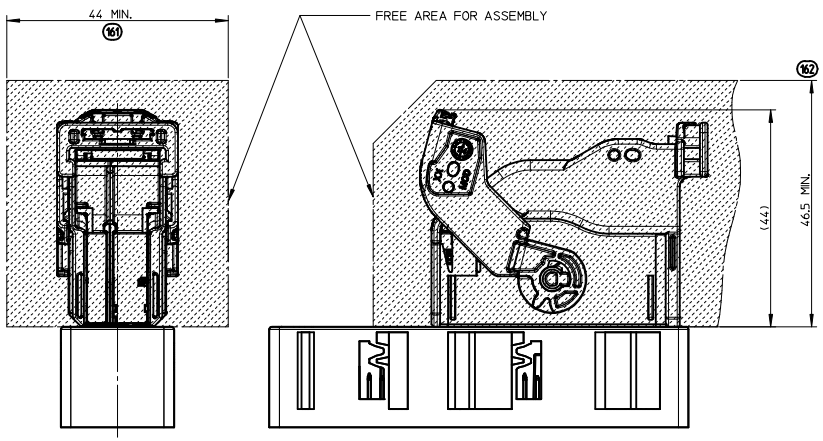
molex

MATERIAL NO.: N A
DOCUMENT NO.: SD-98982-010
SHEET NO.: 3 OF 4
SIZE: A2

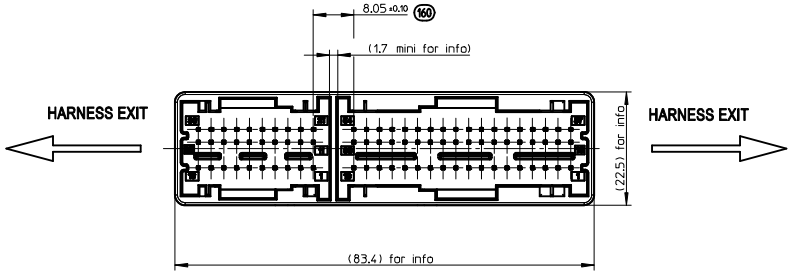
OVERALL DIMENSIONS CONNECTORS MATED ON THE HEADER 30 + 54 WAY MQS

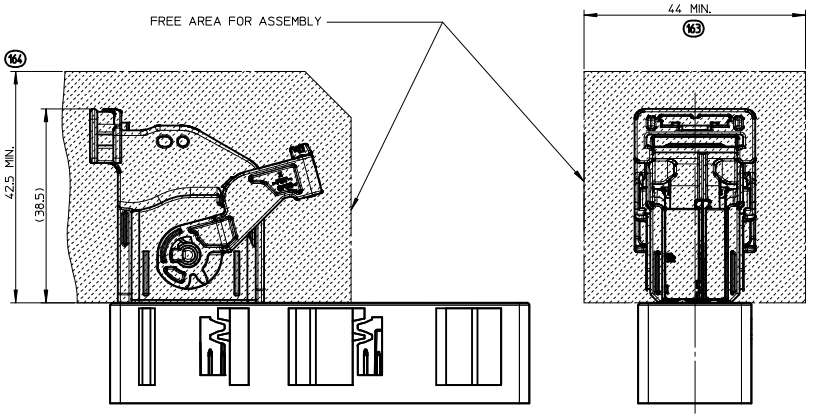


VOLUME NEEDED FOR THE MATING OF THE RECEPTACLE HOUSING 54 WAY MQS



VOLUME NEEDED FOR THE MATING OF THE RECEPTACLE HOUSING 30 WAY MQS





MODIFICATIONS

REV.	DESCRIPTIONS	NAME	DATE
A	-DOCUMENT FIRST RELEASE.	GD	2016/10/03

DOC FIRST RELEASE
EC NO: G2017-0018
DRWN:GDESBRUERES 2016/10/03
CHKD:TBADAROUX 2016/10/03
APPR:CBOUCHAN 2017/05/10
DESCRIPTION
REV
A

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.20	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± 0.20	± ---
0 PLACE	± 0.20	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: GDESBRUERES DATE: 2016/10/03
CHECKED BY: TBADAROUX DATE: 2016/10/03
APPROVED BY: CBOUCHAN DATE: 2017/05/10

TITLE: INTERFACE DRAWING 30 + 54 WAY - MQS

molex

MATERIAL NO.: NA
DOCUMENT NO.: SD-98982-010
SHEET NO.: 4 OF 4
SIZE: A1