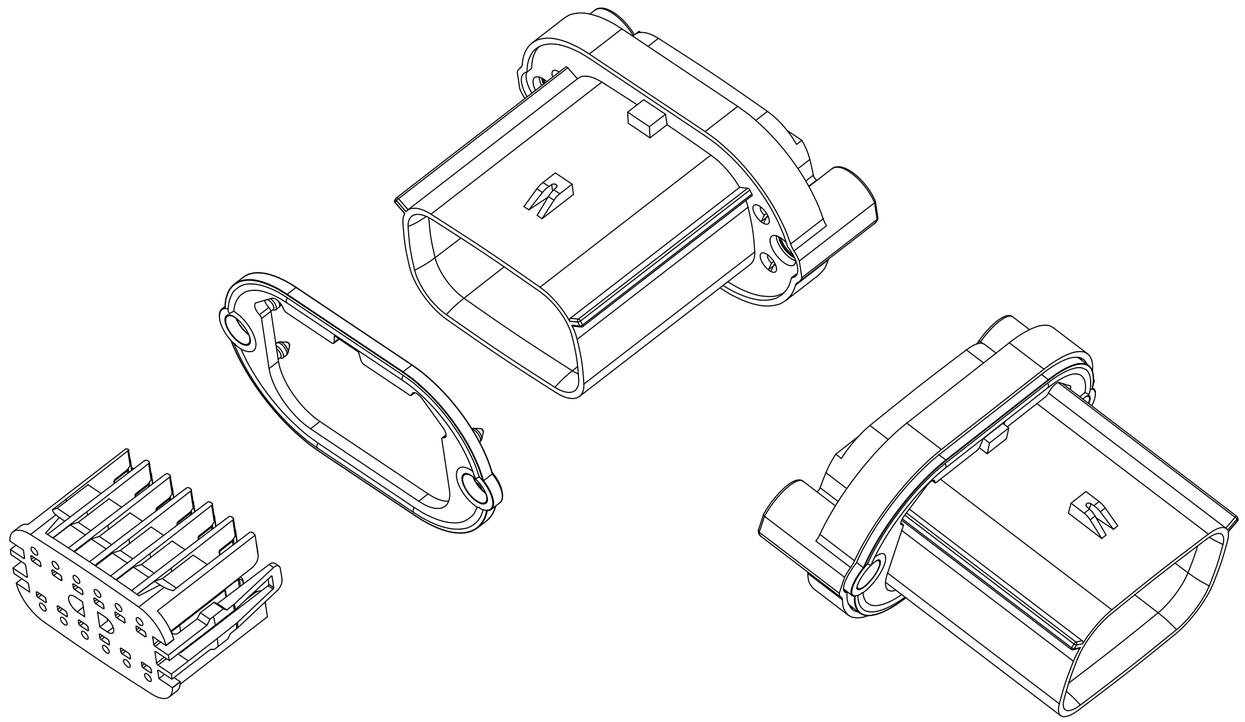
TABLE OF CONTENTS	
SHEET 1	NOTES. ISO VIEW
SHEET 2	BOM AND POLARIZATION
SHEET 3	COMPARISON UL HB PART AND UL V0
SHEET 4	DETAIL VIEWS AND SECTIONS



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. APPLICATION SPECIFICATION SEE: AS-47725-001
2. PRODUCT SPECIFICATION SEE: PS-47725-000
3. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
4. MATERIALS:
   a. HOUSING:
      -UL HB PART: PBT, 15% GLASS FILLED
      -UL V0 PART: PA6, 30% GLASS FILLED
   b. TPA:
      -UL HB PART: SPS/NYLON BLEND, 20% GLASS FILLED
      -UL V0 PART: PA6, 30% GLASS FILLED
   c. GASKET: SILICONE
5. SHIPPED PART WITH TPA IN PRE-LOCK POSITION
6. DESIGNED TO MATE WITH MX150 RECEPTACLE CONNECTOR ASSEMBLY
7. FOR ESSENTIAL PARTS (TERMINAL, WIRE ETC.) AND INSTALLATION TO COMPLETE ASSEMBLY SEE MOLEX PRODUCT SPECIFICATION PS-33472-000

REV	DESCRIPTION
C3	ADD PART NUMBER : 477259011
C2	CHANGE 477257010/ 20 /30 40 TO PLANNED OBSOLESCENCE; AND CHANGE 477258010/ 20 /30 40 TO NOT RECOMMENDED
C1	CHANGE THE 477256020 AND 477257020 FROM SALEABLE TO OK TO TOOL IN BOM SHEET 2
C	ADD POLARIZATION DIMENSIONS A AND B IN SHEET 2
B4	ADD BOM IN SHEET 2
B3	UPDATED STATUS FOR EACH PRODUCT NUMBER ADDED PART NUMBER 477258010; 477258020 477258030; 477258030
B2	ADDED DIMENSION 1b FOR V0 ADDED DIMENSION 2b FOR V0
B1	ADD P/N 477259050 UPDATE TRACEABILITY AREA
B	ADD UL V0 VERSION
A	INITIAL RELEASE

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: C2
LAST BALLOON NUMBER USED: 5
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS:

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SYMBOLS: FA = 0; FC = 0; FD = 0; S = 0; ▼ = 0; F = 0; ☒ = 0; ■ = 0; ▽ = 0

DIMENSION UNITS: mm | SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	0
3 PLACES	±	0
2 PLACES	±	0
1 PLACE	±	0
0 PLACES	±	0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: update drawing , add 477259011 part number

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APPR: Elvis Song 11-Mar-2026

INITIAL REVISION:
DRWN: CDZHANG 20-Nov-2015
APPR: CBQIU 21-Dec-2015

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 47725

molex

MX150 2X6
PANEL MOUNT CONNECTOR

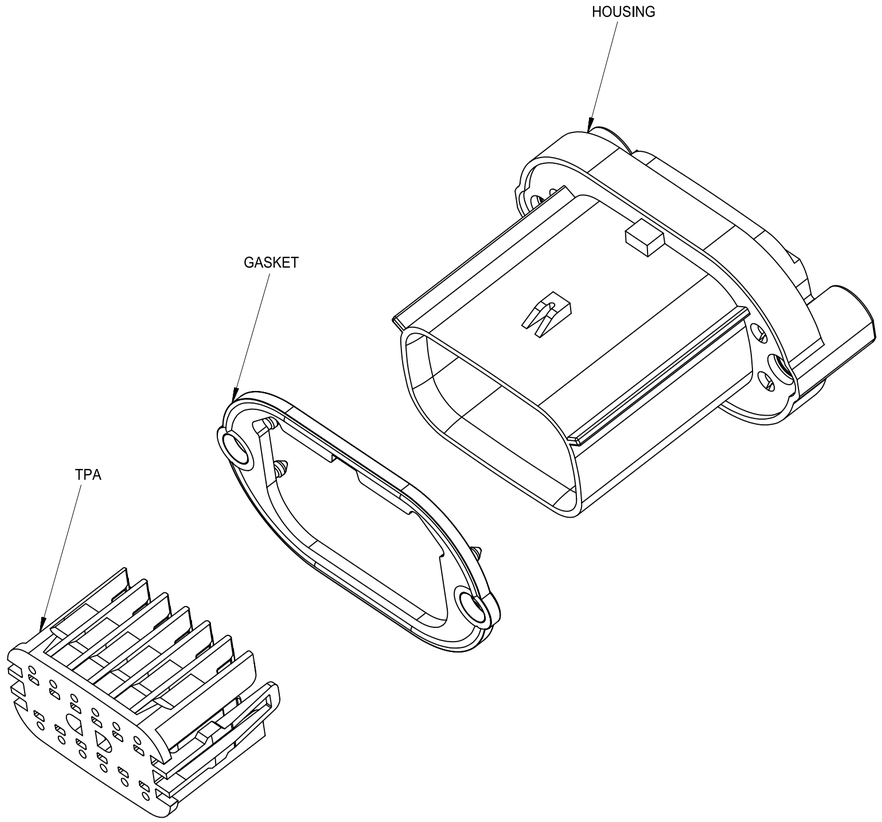
PRODUCT CUSTOMER DRAWING

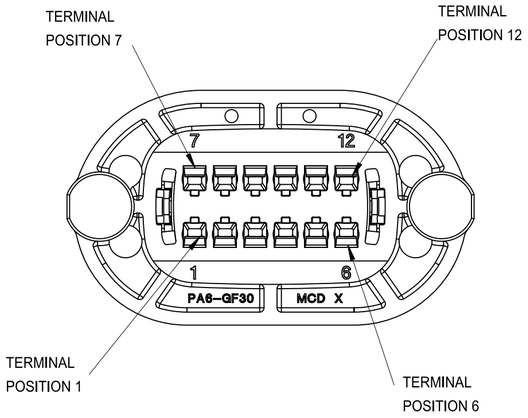
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SD-47725-601	PSD	001	C3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
ON SHEET 2	GENERAL MARKET	1 OF 4

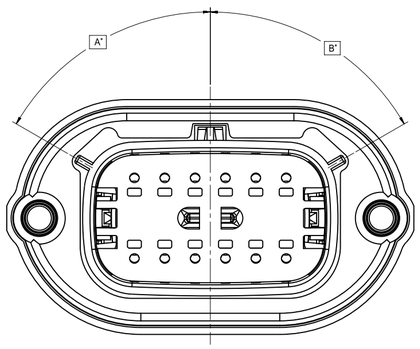
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FORMAT: master-ltrportrA2
REVISION: H
DATE: 2016/01/18





ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK-HB	HOUSING, KEY OPITION A, HB	BLACK	PBT GF15
B-LG-HB	HOUSING, KEY OPITION B, HB	LIGHT GRAY	PBT GF15
C-DG-HB	HOUSING, KEY OPITION C, HB	DARK GRAY	PBT GF15
D-SG-HB	HOUSING, KEY OPITION D, HB	STONE GRAY	PBT GF15
A-BLK-V0	HOUSING, KEY OPITION A, V0	BLACK	PA6 GF30
B-LG-V0	HOUSING, KEY OPITION B, V0	LIGHT GRAY	PA6 GF30
C-DG-V0	HOUSING, KEY OPITION C, V0	DARK GRAY	PA6 GF30
D-SG-V0	HOUSING, KEY OPITION D, V0	STONE GRAY	PA6 GF30
D-BLK-V0	HOUSING, KEY OPITION D, V0	BLACK	PA6 GF30
GASKET	GASKET	BLUE	SILICONE
TPA-HB	TPA, HB	NATURAL	SPS/NYLON GF20
TPA-V0	TPA, V0	ASH GRAY	PA6 GF30



ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT			DIMENSIONS		STATUS
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT					
		HOUSING KEY/COLOR	GASKET COLOR	TPA COLOR	A	B	
KEY A, BLACK, HB	477256010	A-BLK-HB	BLUE	NATURAL	60	60	SALEABLE
KEY B, LIGHT GRAY, HB	477256020	B-LG-HB	BLUE	NATURAL	25	60	OK TO TOOL
KEY C, DARK GRAY, HB	477256030	C-DG-HB	BLUE	NATURAL	60	25	SALEABLE
KEY D, STONE GRAY, HB	477256040	D-SG-HB	BLUE	NATURAL	25	25	SALEABLE
KEY A, BLACK, HB	477257010	A-BLK-HB	BLUE	NATURAL	60	60	PLANNED OBSOLESCENCE
KEY B, LIGHT GRAY, HB	477257020	B-LG-HB	BLUE	NATURAL	25	60	PLANNED OBSOLESCENCE
KEY C, DARK GRAY, HB	477257030	C-DG-HB	BLUE	NATURAL	60	25	PLANNED OBSOLESCENCE
KEY D, STONE GRAY, HB	477257040	D-SG-HB	BLUE	NATURAL	25	25	PLANNED OBSOLESCENCE
KEY A, BLACK, V0	477258010	A-BLK-V0	BLUE	ASH GRAY	60	60	NOT RECOMMENDED
KEY B, LIGHT GRAY, V0	477258020	B-LG-V0	BLUE	ASH GRAY	25	60	NOT RECOMMENDED
KEY C, DARK GRAY, V0	477258030	C-DG-V0	BLUE	ASH GRAY	60	25	NOT RECOMMENDED
KEY D, STONE GRAY, V0	477258040	D-SG-V0	BLUE	ASH GRAY	25	25	NOT RECOMMENDED
KEY A, BLACK, V0	477259010	A-BLK-V0	BLUE	ASH GRAY	60	60	SALEABLE
KEY B, LIGHT GRAY, V0	477259020	B-LG-V0	BLUE	ASH GRAY	25	60	SALEABLE
KEY C, DARK GRAY, V0	477259030	C-DG-V0	BLUE	ASH GRAY	60	25	SALEABLE
KEY D, STONE GRAY, V0	477259040	D-SG-V0	BLUE	ASH GRAY	25	25	SALEABLE
KEY D, BLACK, V0	477259050	D-BLK-V0	BLUE	ASH GRAY	25	25	PLANNED OBSOLESCENCE
KEY A, BLACK, V0	477259011	A-BLK-V0	BLUE	ASH GRAY	60	60	SALEABLE

SYMBOLS
FA = 0
FC = 0
FD = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

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DIMENSION UNITS: mm
SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0,5 °
4 PLACES	±	0
3 PLACES	±	0
2 PLACES	±	0
1 PLACE	±	0
0 PLACES	±	0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: update drawing , add 477259011 part number

EC NO: CO-000037329
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APPR: Elvis Song 11-Mar-2026

INITIAL REVISION:
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APPR: CBQIU 21-Dec-2015

molex

MX150 2X6
PANEL MOUNT CONNECTOR

PRODUCT CUSTOMER DRAWING

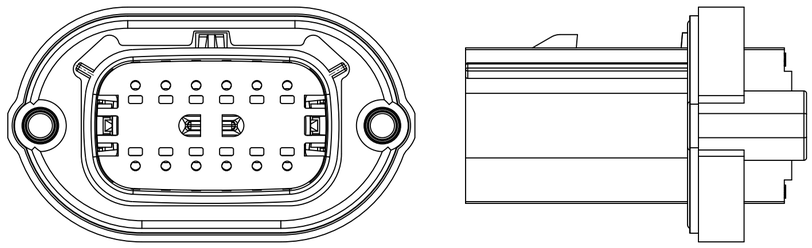
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SD-47725-601	PSD	001	C3

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 47725 | MATERIAL NUMBER: SEE TABLE | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 4

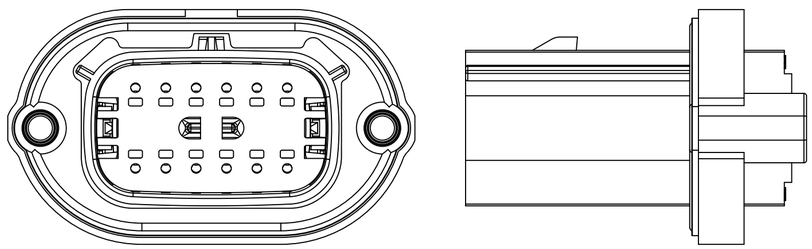
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FORMAT: master\dupro\A2
REVISION: H
DATE: 2018/01/18

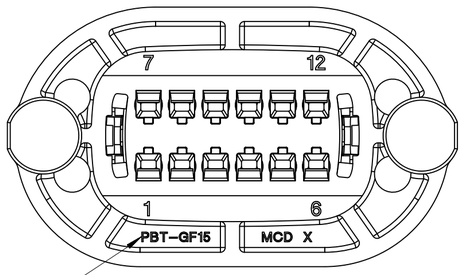
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47725-90XX



47725-70XX
47725-80XX



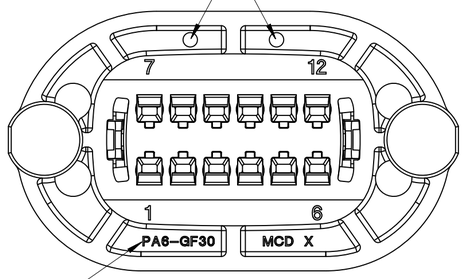
DIFFERENCE BETWEEN UL HB PART AND UL V0 PART



DIFFERENCES CYCLING CODE

UL HB PART

2 COLUMNS ADDED ON V0 PART TO
DISTINGUISH FROM HB GRADE PART



DIFFERENCES CYCLING CODE

UL V0 PART

SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
S	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

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DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	0
3 PLACES	±	0
2 PLACES	±	0
1 PLACE	±	0
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THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 47725

molex

MX150 2X6
PANEL MOUNT CONNECTOR

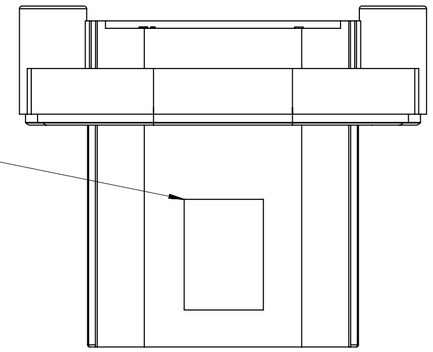
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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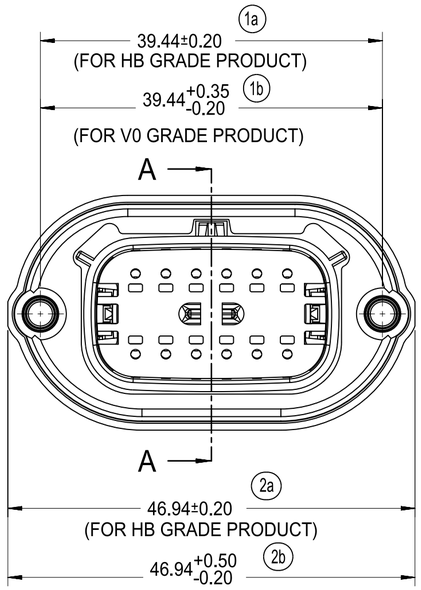
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
ON SHEET 2	GENERAL MARKET	3 OF 4

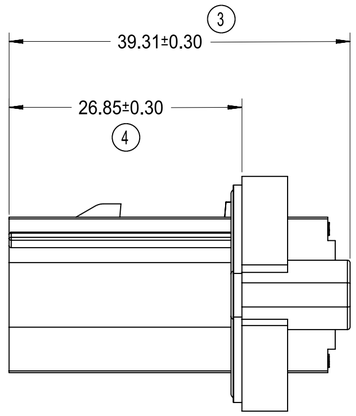
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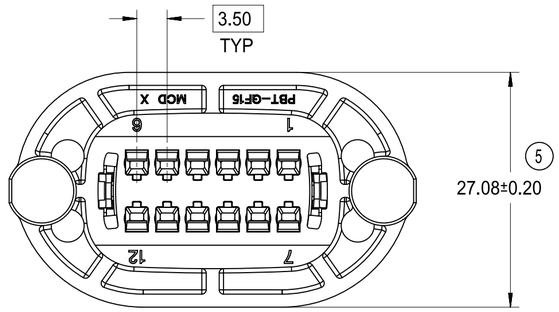
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DATE: 2018/01/18

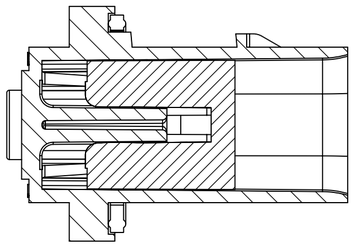


TRACEABILITY INFORMATION
LOCATION IN THIS AREA



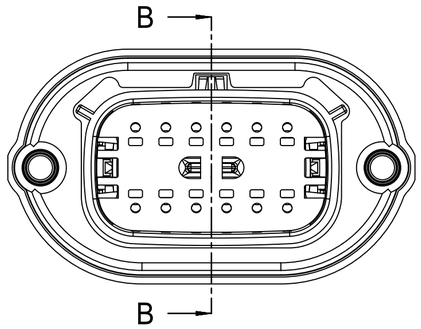


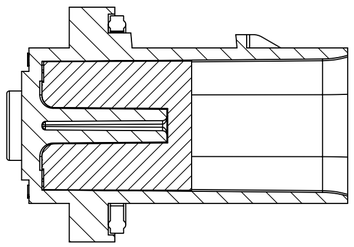




SECTION A-A

(TPA SHOWN IN PRE-LOCK POSITION
FOR REFERENCE ONLY)





(TPA SHOWN IN FULL-LOCK POSITION
FOR REFERENCE ONLY)

SYMBOLS			
= 0	DIMENSION UNITS	SCALE	
= 0	mm	2:1	
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	ANGULAR TOL	±	0.5 °
= 0	4 PLACES	±	0
= 0	3 PLACES	±	0
= 0	2 PLACES	±	0
= 0	1 PLACE	±	0
= 0	0 PLACES	±	0
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
= 0			

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THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 47725

molex

MX150 2X6
PANEL MOUNT CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-47725-601	PSD	001	C3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
ON SHEET 2	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	Production	RELEASE DATE	11-Mar-2026 07:42:42

FORMAT: mastersBuyersA2
REVISION: H
DATE: 2015/01/16