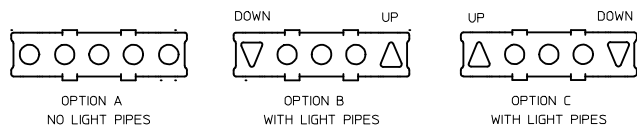


PART NUMBER	DESCRIPTION	LIGHT PIPE OPTIONS	GASKET
76870-0003	NO LIGHT PIPES	A = NONE	STANDARD
76870-0004	WITH LIGHT PIPES	B = DOWN / UP	STANDARD
76870-0005	WITH LIGHT PIPES	C = UP / DOWN	STANDARD
76870-0013	NO LIGHT PIPES	A = NONE	94V-0
76870-0014	WITH LIGHT PIPES	B = DOWN / UP	94V-0
76870-0015	WITH LIGHT PIPES	C = UP / DOWN	94V-0



NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER, 0.25mm THICK
 EMI STRAPS: PHOS-BRONZE
 AIR-VENT/LIGHT PIPE HOUSINGS: DIECAST ALLOY
 LIGHT PIPES: POLYCARBONATE (OPTIONAL)
 CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
 TERMINALS: COPPER ALLOY
 EMI GASKETS -CONDUCTIVE POLYMER HB/94V-0 SEE OPTIONS

2. FINISH:

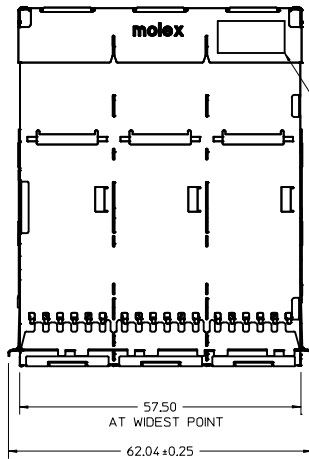
CAGE: UNPLATED
 EMI STRAPS: 2.5µm NICKEL OVERALL
 AIR-VENT/LIGHT PIPE HOUSINGS: NICKEL OVER COPPER
 TERMINALS: CONTACT AREA:
 0.76-1.52 µm MIN. GOLD OVER 2.5 µm MIN. NICKEL.
 COMPLIANT TAIL:
 0.7-1.5µm MIN. MATTE TIN OVER 1.3µm NICKEL.

3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS

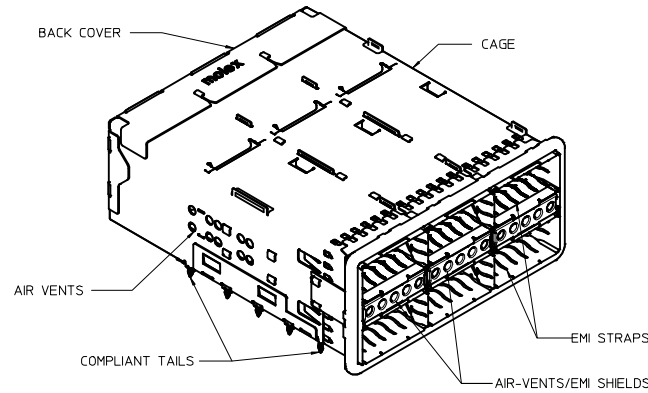
4. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS 'B' OR BETTER, EXCEPT FOR THE UNDERSIDE OF THE CAGE AND SHOULD CONFORM TO THE MOLEX COSMETIC STANDARD ES-171233-0001.

5. CONNECTOR MATES WITH PLUG CABLE SERIES 74757 AND 74758

6. DATE CODE LOCATION IS SHOWN.
 DATE CODE FORMAT: DDDY
 DDD= DAY OF THE YEAR
 Y= YEAR

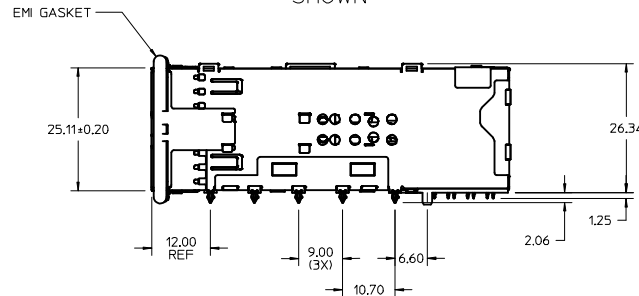
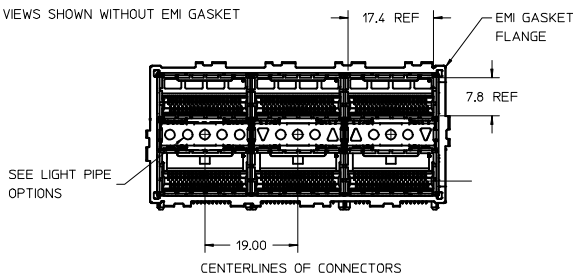


DATE CODE LOCATION
 SEE NOTE 6



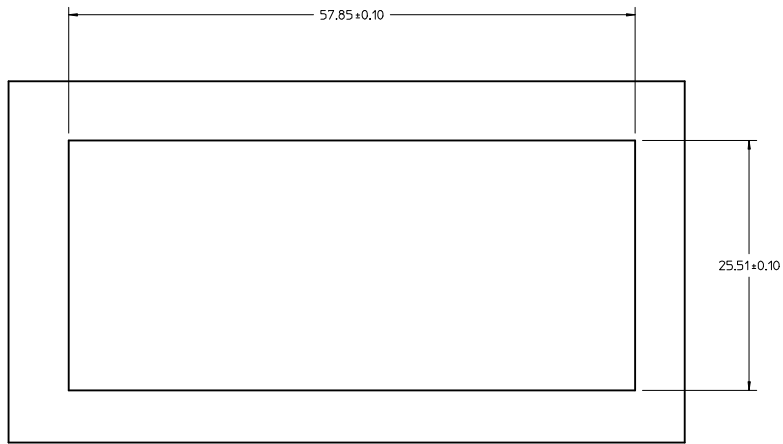
PART NUMBER
 76870-0001-0003
 SHOWN

VIEWS SHOWN WITHOUT EMI GASKET

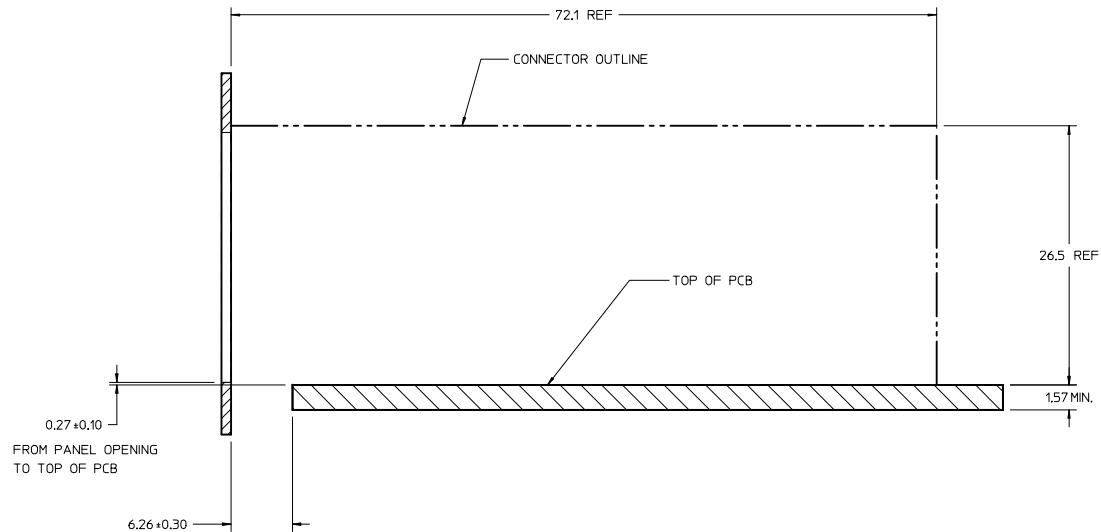


ADDED 94V-0 GASKET PMS IEC NO. UCF2014-5082 DRAWN BY: CHYD APPR: MBANKIS 2014/06/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	MM ONLY	2:1	METRIC	
		mm	INCH																		
	4 PLACES	±---	±---																		
3 PLACES	±---	±---																			
2 PLACES	±0.13	±---																			
1 PLACE	±0.25	±---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: SBOGIEL CHECKED BY: KREGNIER APPROVED BY: MBANKIS DATE: 01/22/2009 DATE: 01/23/2009 DATE: 01/26/2009	TITLE: ASSEMBLY, QSFP PLUS STACKED 2 X 3 WITH ELASTOMER GASKET	MATERIAL NO: SEE CHART	DOCUMENT NO: SD-76870-001	SHEET NO. 1 OF 3	MOLEX INCORPORATED															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



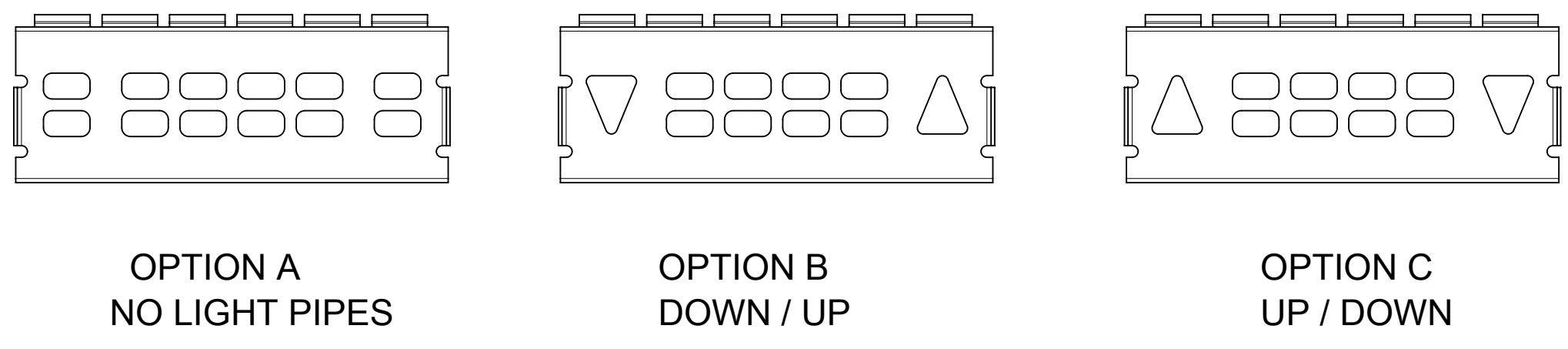
RECOMMENDED PANEL CUT-OUT



SEE SHEET 1 IEC NO: UCP2014-5082 DRAWN BY: CHYKD APPR: MBANKIS 2014/06/05	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.50</td> <td>± 0.020</td> </tr> <tr> <td>1 PLACE</td> <td>± 1.27</td> <td>± 0.050</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.50	± 0.020	1 PLACE	± 1.27	± 0.050	MM ONLY 4:1 METRIC	DRAWN BY: SBOGIEL DATE: 01/22/2009 CHECKED BY: KREGNIER DATE: 01/23/2009 APPROVED BY: MBANKIS DATE: 01/26/2009	TITLE: ASSEMBLY, QSFP PLUS STACKED 2 X 3 WITH ELASTOMER GASKET MATERIAL NO: SEE SHEET 1 DOCUMENT NO: SD-76870-001	SHEET NO. 3 OF 3
		mm	INCH																		
	4 PLACES	± 0.13	± 0.005																		
3 PLACES	± 0.25	± 0.010																			
2 PLACES	± 0.50	± 0.020																			
1 PLACE	± 1.27	± 0.050																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION STYLE: MM ONLY SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION						SHEET NO. 3 OF 3															

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

PART NUMBER	DESCRIPTION	LIGHT PIPE OPTIONS	PLATING
76870-2003	NO LIGHT PIPES	A= NONE	TIN
76870-2005	WITH LIGHT PIPES	C= UP/DOWN	TIN



NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER, 0.25mm THICK
 EMI STRAPS: PHOS-BRONZE
 AIR-VENT/LIGHT PIPE HOUSINGS: DIECAST ALLOY
 LIGHT PIPES: POLYCARBONATE (OPTIONAL)
 CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
 TERMINALS: COPPER ALLOY

2. FINISH:

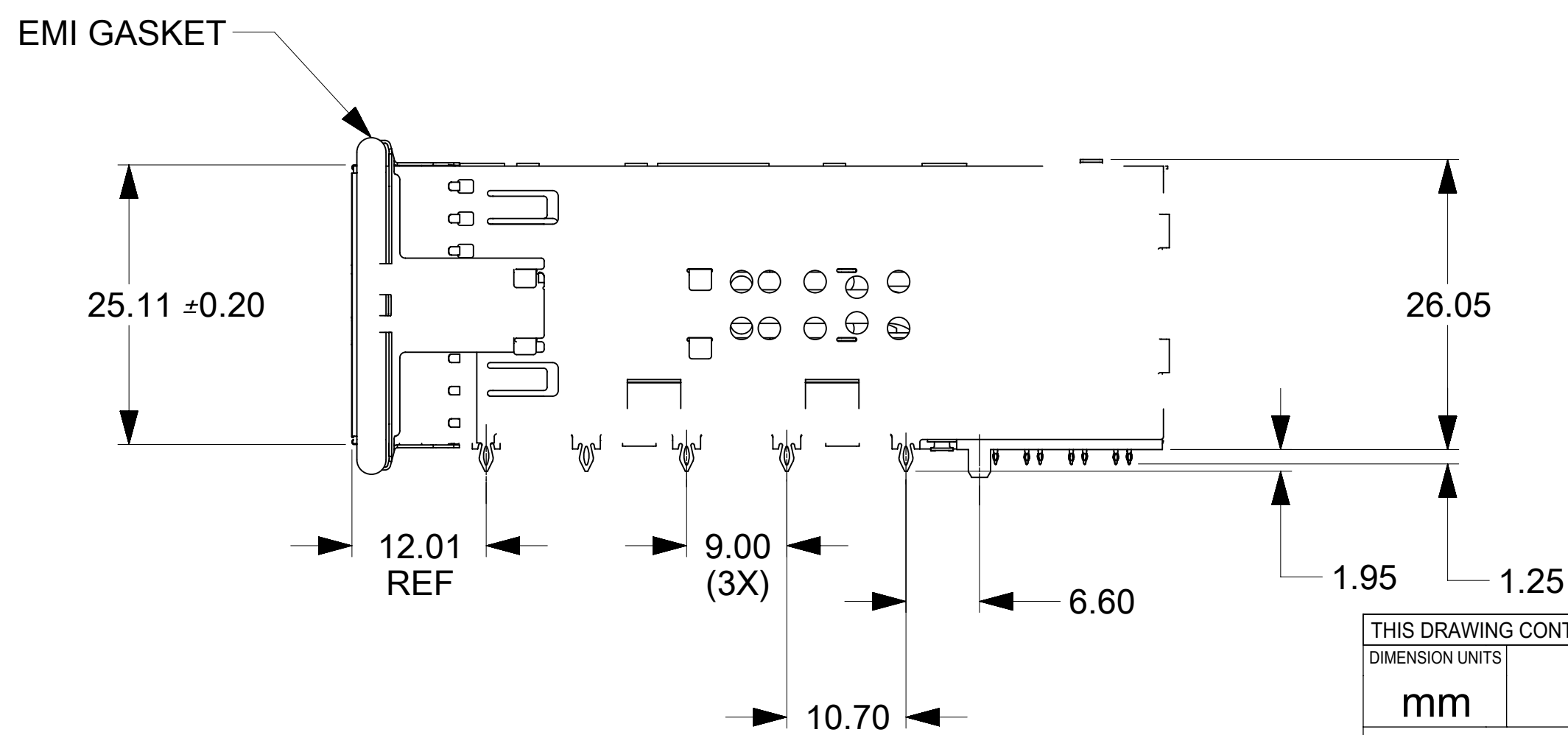
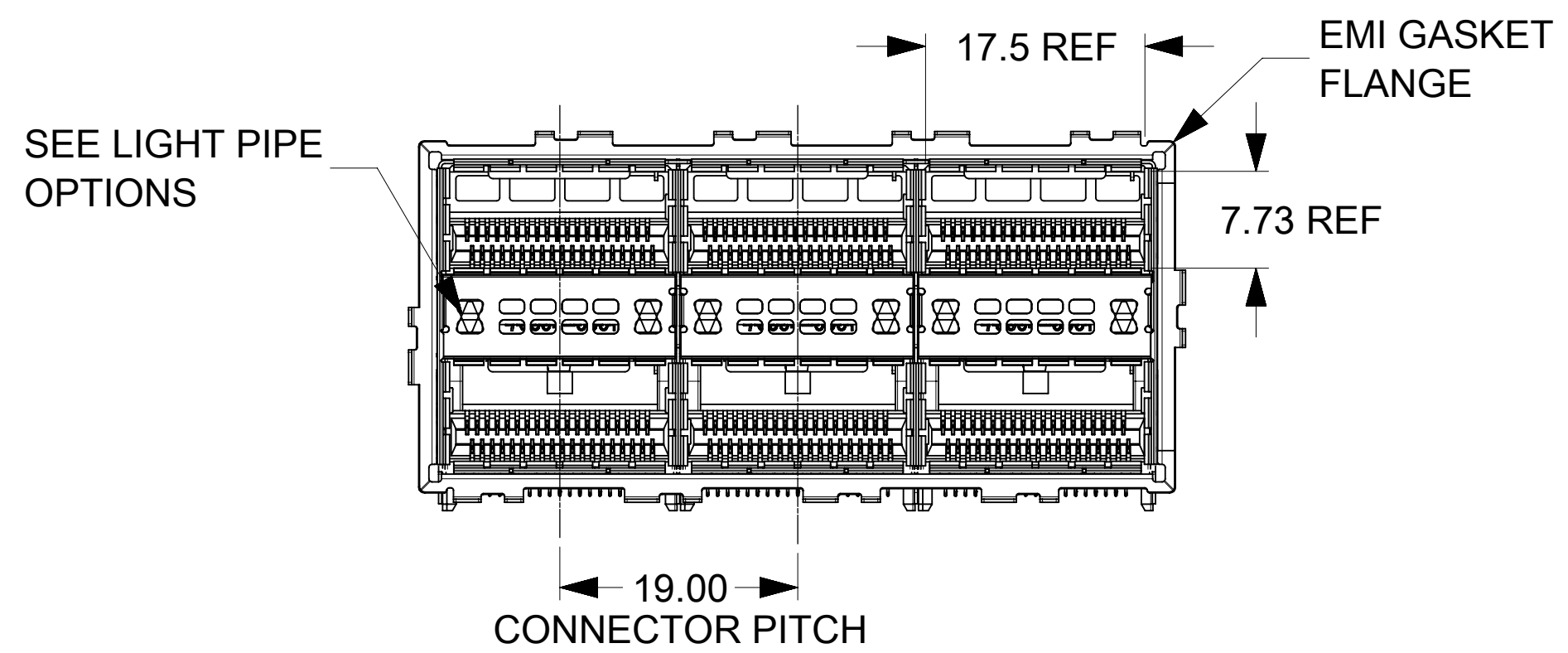
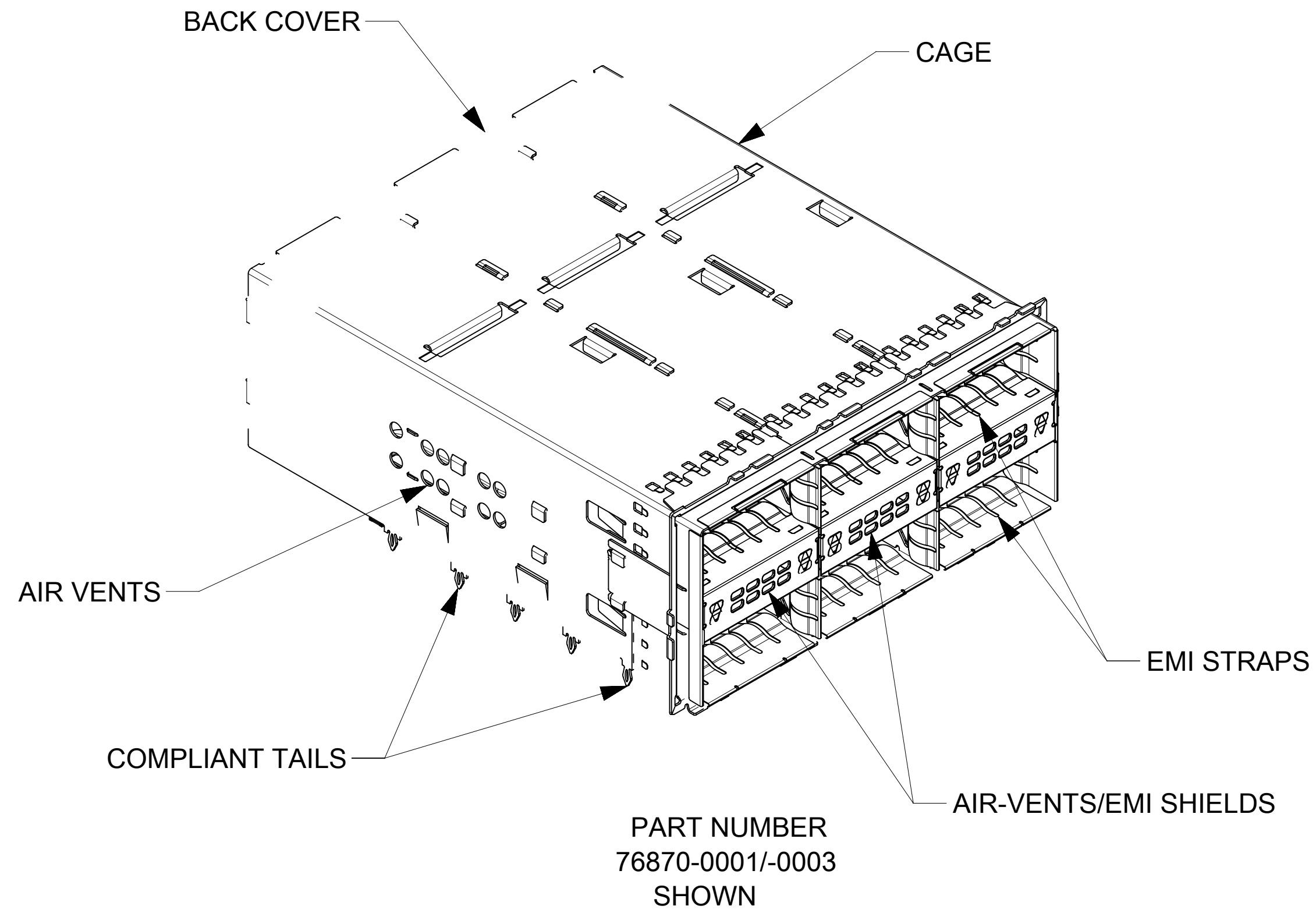
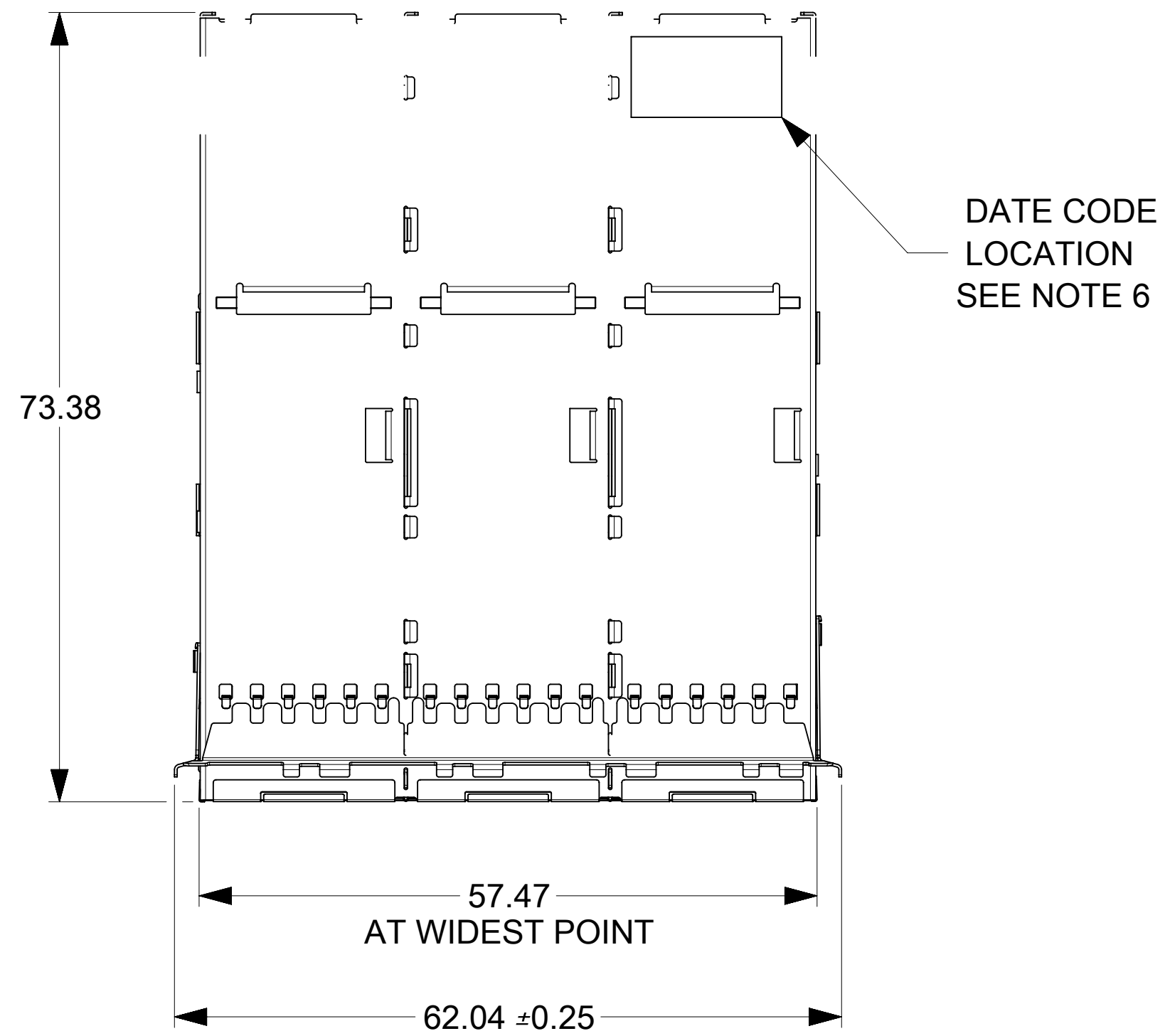
CAGE: UNPLATED
 EMI STRAPS: 2.5µm NICKEL OVERALL
 AIR-VENT/LIGHT PIPE HOUSINGS: NICKEL OVER COPPER
 TERMINALS: CONTACT AREA:
 0.76-1.52 µm MIN. GOLD OVER 2.5 µm MIN. NICKEL.
 COMPLIANT TAIL:
 TIN/LEAD: 0.7-1.5 µm TIN/LEAD (90/10) OVER 1.3 µm NICKEL.
 TIN: 0.7-1.5µm MIN. MATTE TIN OVER 1.3µm NICKEL.

3. PACKAGING: PRODUCT PACKAGED IN TRAYS AND CARTONS

4. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" OR BETTER, EXCEPT FOR THE UNDERSIDE OF THE CAGE AND SHOULD CONFORM TO THE MOLEX COSMETIC STANDARD PS-45499-002

5. CONNECTOR MATES WITH PLUG CABLE SERIES 74757 AND 74758

6. DATE CODE LOCATION IS SHOWN.
 DATE CODE FORMAT: DDDY
 DDD= DAY OF THE YEAR
 Y= YEAR



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO	
mm		2:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
	MM	INCH			
4 PLACES	±	±	EC NO: 625872		
3 PLACES	±	±	DRWN: VLOKESHA	2019/08/30	
2 PLACES	±	0.13	CHK'D: GB	2019/11/06	
1 PLACE	±	0.25	APPR: GGA	2019/11/12	
0 PLACES	±		INITIAL REVISION:		
ANGULAR TOL ± 0.5°			DRWN: HAVERY	2012/06/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: MBANAKIS	2012/07/31	
THIRD ANGLE PROJECTION		DRAWING		SERIES	
D		D-SIZE		76870	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SD-76870-2000		GENERAL MARKET		1 OF 1	