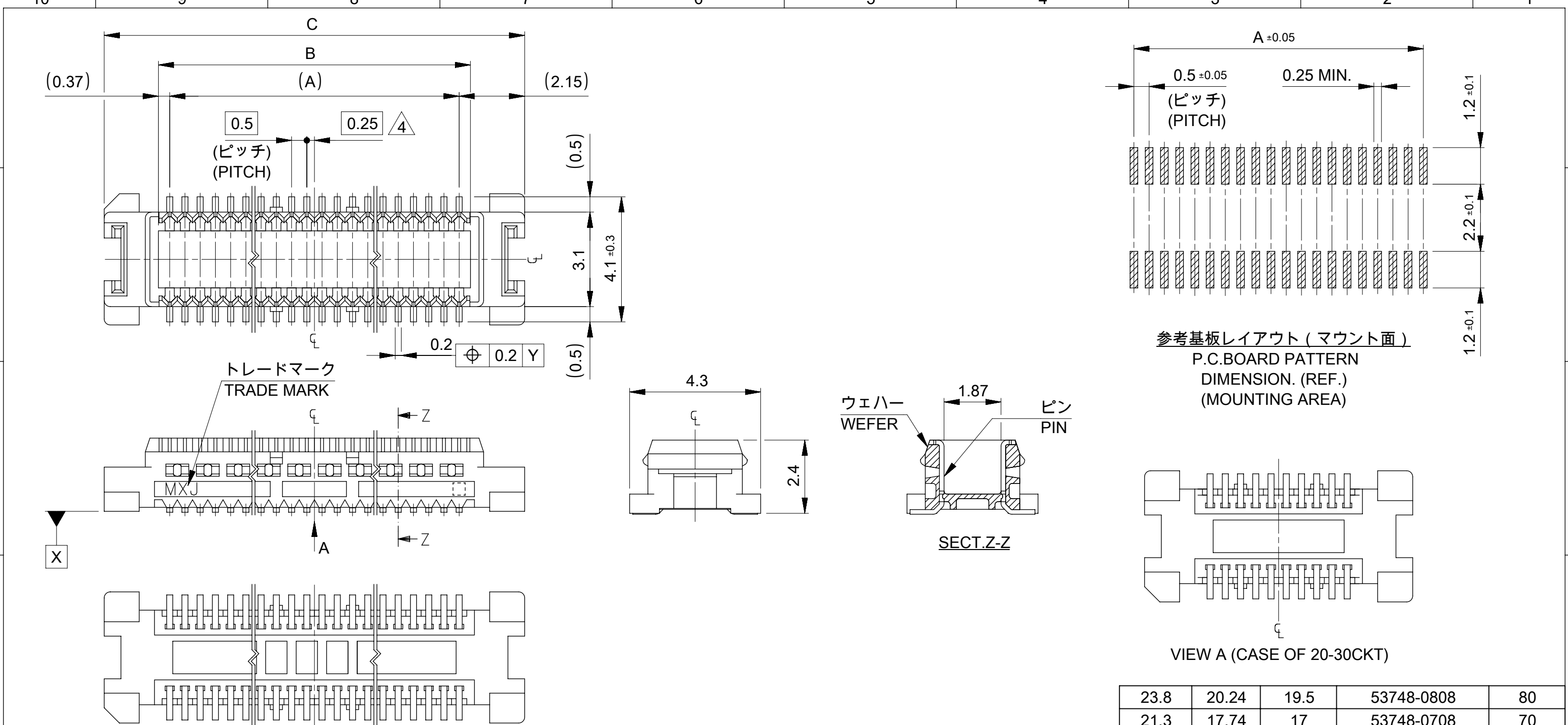




- 注記 NOTES:
1. 使用材料 MATERIAL
ハウジング : L C Pガラス入り (白), UL94V-0
HOUSING : LCP(G.F.)(COLOR:WHITE), UL94V0
ターミナル : 黄銅 (t=0.15)
TERMINAL:BRASS(t=0.15)
 2. メッキ仕様PLATING
全体仕上げ : 金メッキ 0.1 MICROMETER MIN.
ALL OVER :GOLD 0.1 MICROMETER MIN.
下地メッキ : ニッケルメッキ 1.5 MICROMETER MIN.
UNDER PLATNG : NICKEL 1.5 MICROMETER MIN.
 3. 基準面 X からのソルダーテールの半田付け面のズレ量は、上方向 0 下方向0.15MAX . とする。
MISALIGNMENT OF SOLDER TAIL FROM X
: UPPER DIRECTION 0, LOWER DIRECTION 0.15 MAX.
4 (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.
 5. 嵌合相手 : 52991シリーズ (嵌合高さ = 3mm)、54167シリーズ (嵌合高さ = 3mm)
MATE WITH: 52991 SERIES (HEIGHT = 3mm), AND 54167 SERIES (HEIGHT = 3mm)
 6. テール平坦度は、0.1MAX.
TAIL COPLANARITY TO BE 0.1MAX.
 7. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

23.8	20.24	19.5	53748-0808	80
21.3	17.74	17	53748-0708	70
18.8	15.24	14.5	53748-0608	60
16.3	12.74	12	53748-0508	50
13.8	10.24	9.5	53748-0408	40
11.3	7.74	7	53748-0308	30
8.8	5.24	4.5	53748-0208	20
C	B	A	EMBOSSSED TAPE	極數 CIRCUIT
			ORDER NO.	
CONNECTOR SERIES NO.			53748-***0	

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DIMENSION UNITS	SCALE
mm	8:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 30°
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	±
0 PLACES	±
ANGULAR±3°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 739518
DRWN: TNAKAGAWA01
CHK'D: SMARUYAMA
APPR: YNAITO

INITIAL REVISION:
DRWN: NAKAMURAA
APPR: NUKITA

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
53748

2023/02/21
2023/06/02
2023/06/02

2008/12/08
2009/01/09

DOCUMENT NUMBER
SD-53748-002

DOC TYPE
PSD

DOC PART
001

REVISION
F

MATERIAL NUMBER
SEE TABLE

CUSTOMER
GENERAL

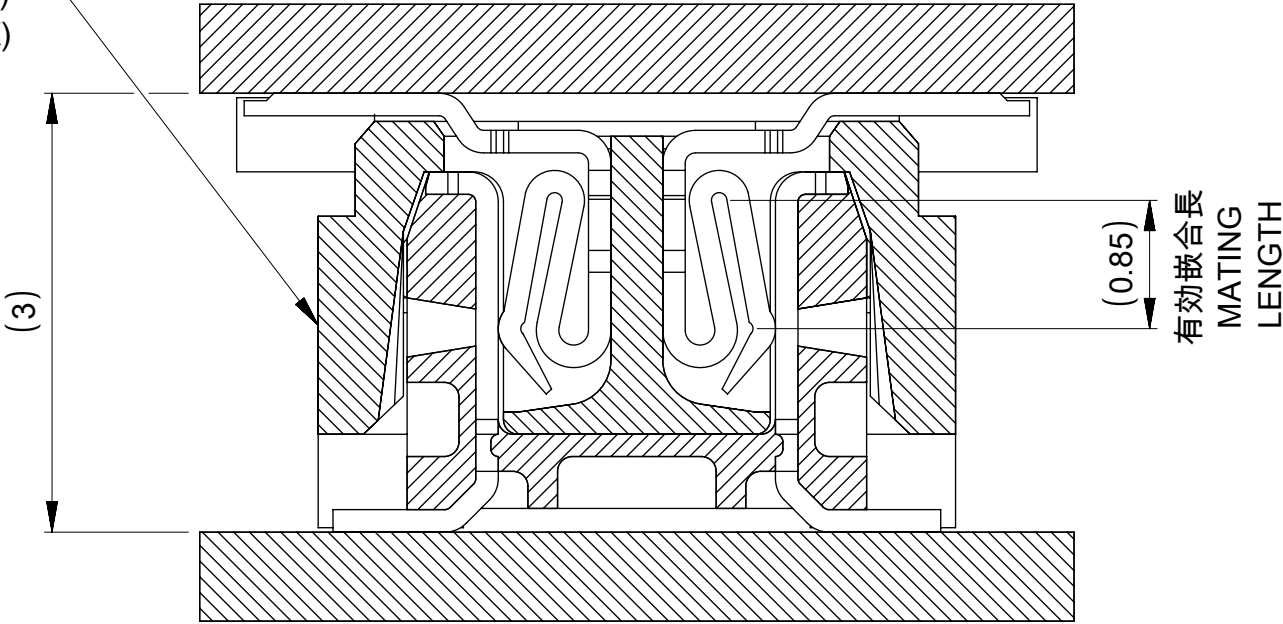
SHEET NUMBER
1 OF 2

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 3 PLUG

PRODUCT CUSTOMER DRAWING

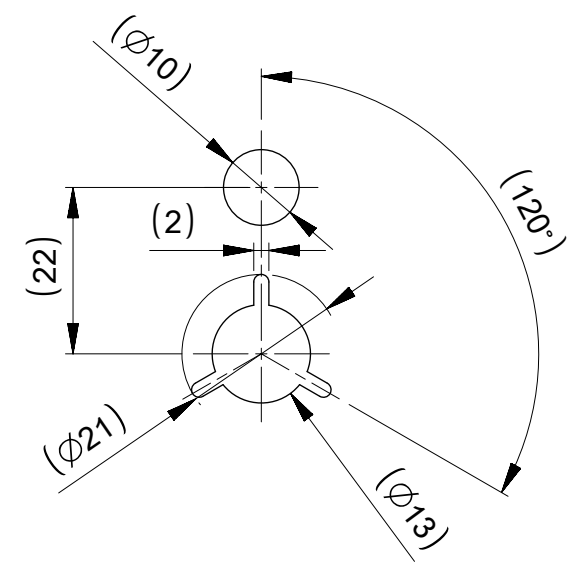
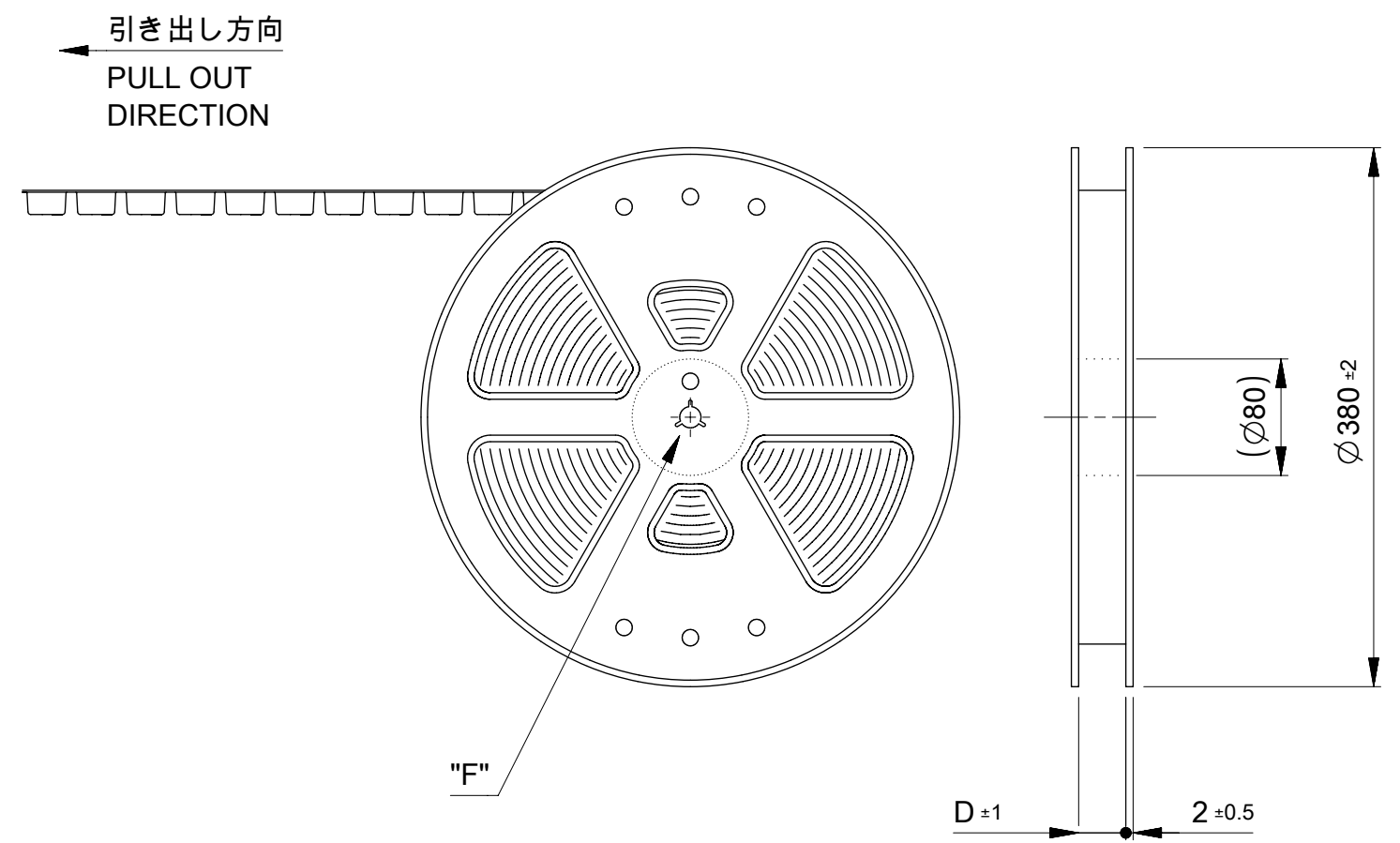
嵌合相手 MATE WITH
52991-***8 (白 WHITE)
52991-***2 (白 WHITE)
54167-***8 (黒 BLACK)



嵌合断面図 (参考)
MATED DRAWING (REF.)

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3
ANGULAR±3°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

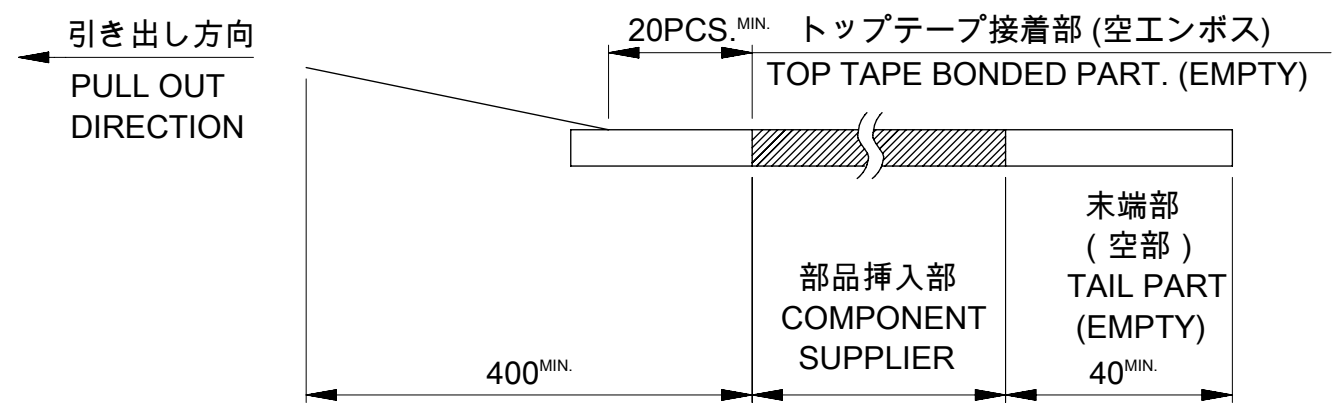
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex 0.5 MM PITCH B-TO-B CONN. HEIGHT = 3 PLUG					
mm		20:1										
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 30 ° 4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 739518			PRODUCT CUSTOMER DRAWING					
				DRWN: TNAKAGAWA01 2023/02/21								
				CHK'D: SMARUYAMA 2023/06/02								
				APPR: YNAITO 2023/06/02			DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
				INITIAL REVISION: DRWN: NAKAMURAA 2008/12/08			SD-53748-002			PSD	001	F
APPR: NUKITA 2009/01/09			MATERIAL NUMBER			CUSTOMER		SHEET NUMBER				
THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE SHEET 1		GENERAL		2 OF 2				
		A3-SIZE	53748									



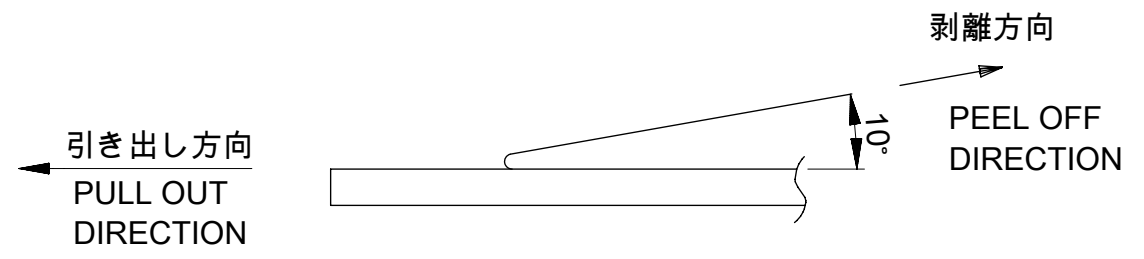
DETAIL "F"

NOTES

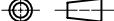
- 製品詳細寸法については図面 SD-53748-002を参照下さい。
DETAIL DIMENSION, SEE SD-53748-002
- 梱包数量：3000個 / リール
NUMBER OF CONNECTORS：3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



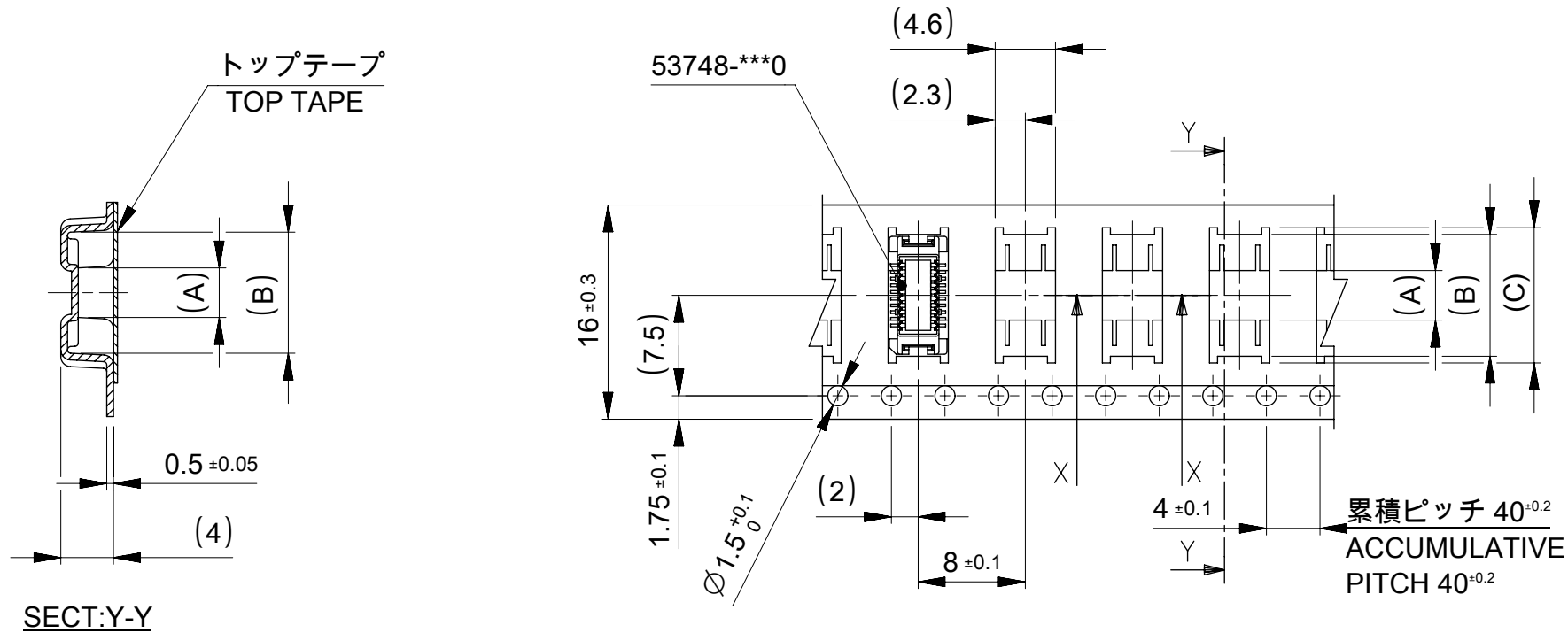
- トップテープの剥離強度：0.1N ~ 0.7N(10.2gf ~ 71.4gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE: 0.1N ~ 0.7N(10.2gf ~ 71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG,)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYREN(PS) <RECYCLE MATERIAL CONTANED>

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																										
GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td colspan="2">10^{UNDER}</td><td>±0.2</td></tr><tr><td colspan="2">10^{OVER}30^{UNDER}</td><td>±0.25</td></tr><tr><td colspan="2">30^{OVER}</td><td>±0.3</td></tr><tr><td colspan="3">ANGULAR+3°</td></tr></table>				10 ^{UNDER}		±0.2	10 ^{OVER} 30 ^{UNDER}		±0.25	30 ^{OVER}		±0.3	ANGULAR+3°			DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 739518 DRWN: TNAKAGAWA01 2023/02/21 CHK'D: SMARUYAMA 2023/06/02 APPR: YNAITO 2023/06/02 INITIAL REVISION: DRWN: NAKAMURAA 2008/12/08 APPR: NUKITA 2009/01/09			molex 0.5 MM PITCH B-TO-B CONN. HEIGHT = 3 PLUG EMBOSS TAPE PACKAGE			
				10 ^{UNDER}		±0.2																				
				10 ^{OVER} 30 ^{UNDER}		±0.25																				
				30 ^{OVER}		±0.3																				
ANGULAR+3°																										
mm		NTS																								
ANGULAR TOL		± 0.0 °																								
4 PLACES		± 0.2																								
3 PLACES		± 0.25																								
2 PLACES		± 0.3																								
1 PLACE		±																								
0 PLACES		±																								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION										
												SD-53748-005		PSD	001	F										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		53748		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER										
												SEE SHEET 2-5		GENERAL		1 OF 5										

引き出し方向
PULL OUT DIRECTION

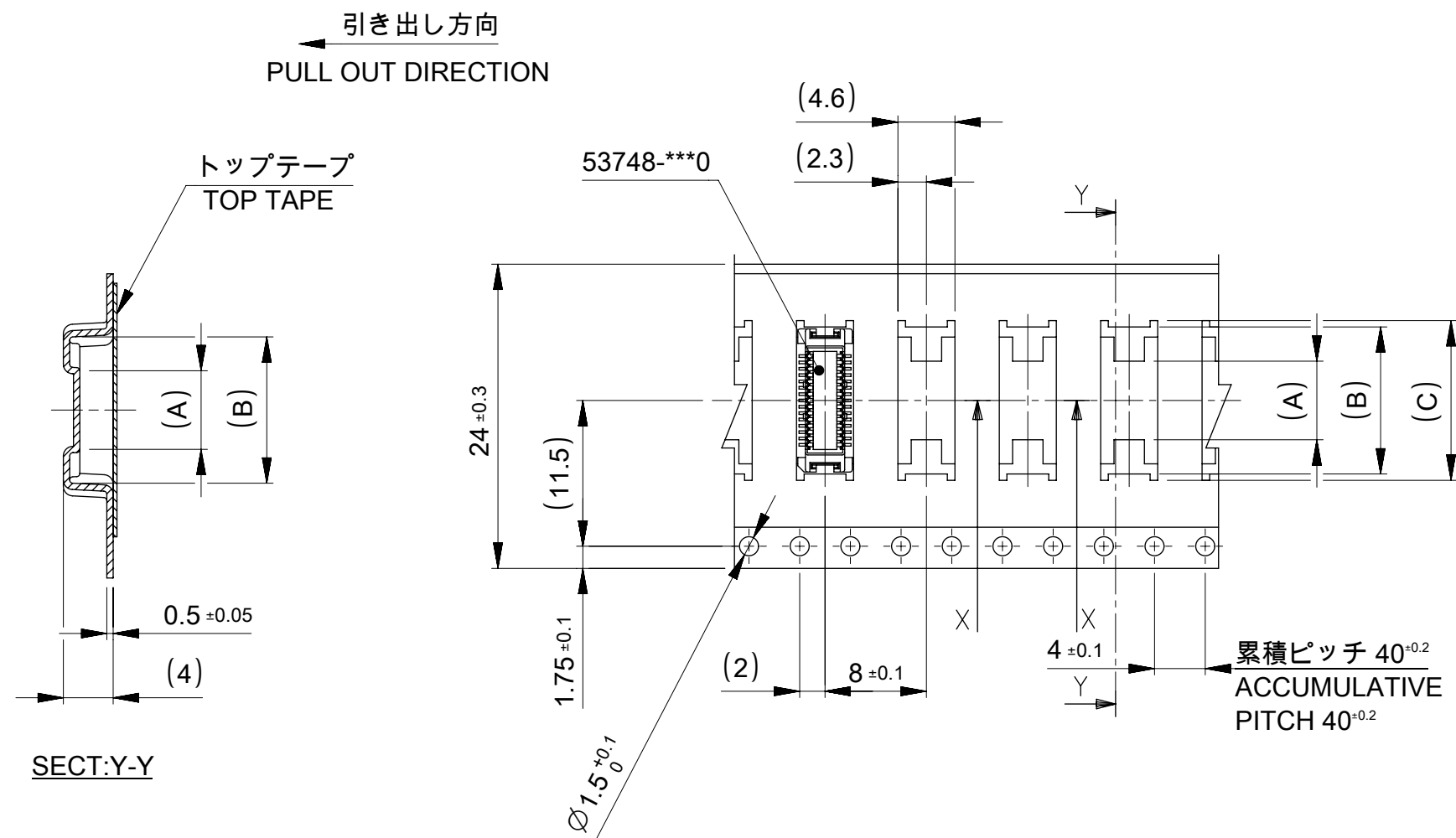


16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE

16	17.5	10.1	9.1	3.7	53748-0208	20
キャリアテープ幅 CARRIER TAPE WIDTH		D	(C)	(B)	(A)	MATERIAL NO. 極数 CKT.

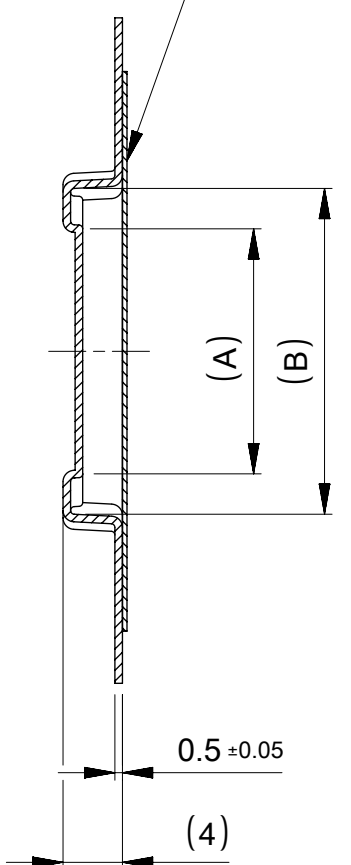
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
DIMENSION UNITS mm		SCALE NTS		0.5 MM PITCH B-TO-B CONN. HEIGHT = 3 PLUG EMBOSS TAPE PACKAGE		
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 30°		PRODUCT CUSTOMER DRAWING		
4 PLACES ± 0.2		3 PLACES ± 0.25		DOCUMENT NUMBER		
3 PLACES ± 0.25		2 PLACES ± 0.3		SD-53748-005		
2 PLACES ± 0.3		1 PLACE ±		PSD 001 F		
1 PLACE ±		0 PLACES ±		REVISION		
ANGULAR±3°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2 OF 5		
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWING		A3-SIZE		
10 _{UNDER} ±0.2		SERIES		53748		
10 ^{OVER} 30 _{UNDER} ±0.25		MATERIAL NUMBER		SEE TABLE		
30 ^{OVER} ±0.3		CUSTOMER		GENERAL		
EC NO: 739518		DATE: 2021/05/01				
DRWN: TNAKAGAWA01						
CHK'D: SMARUYAMA						
APPR: YNAITO						
INITIAL REVISION:						
DRWN: NAKAMURAA						
APPR: NUKITA						

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/02	09:12:01
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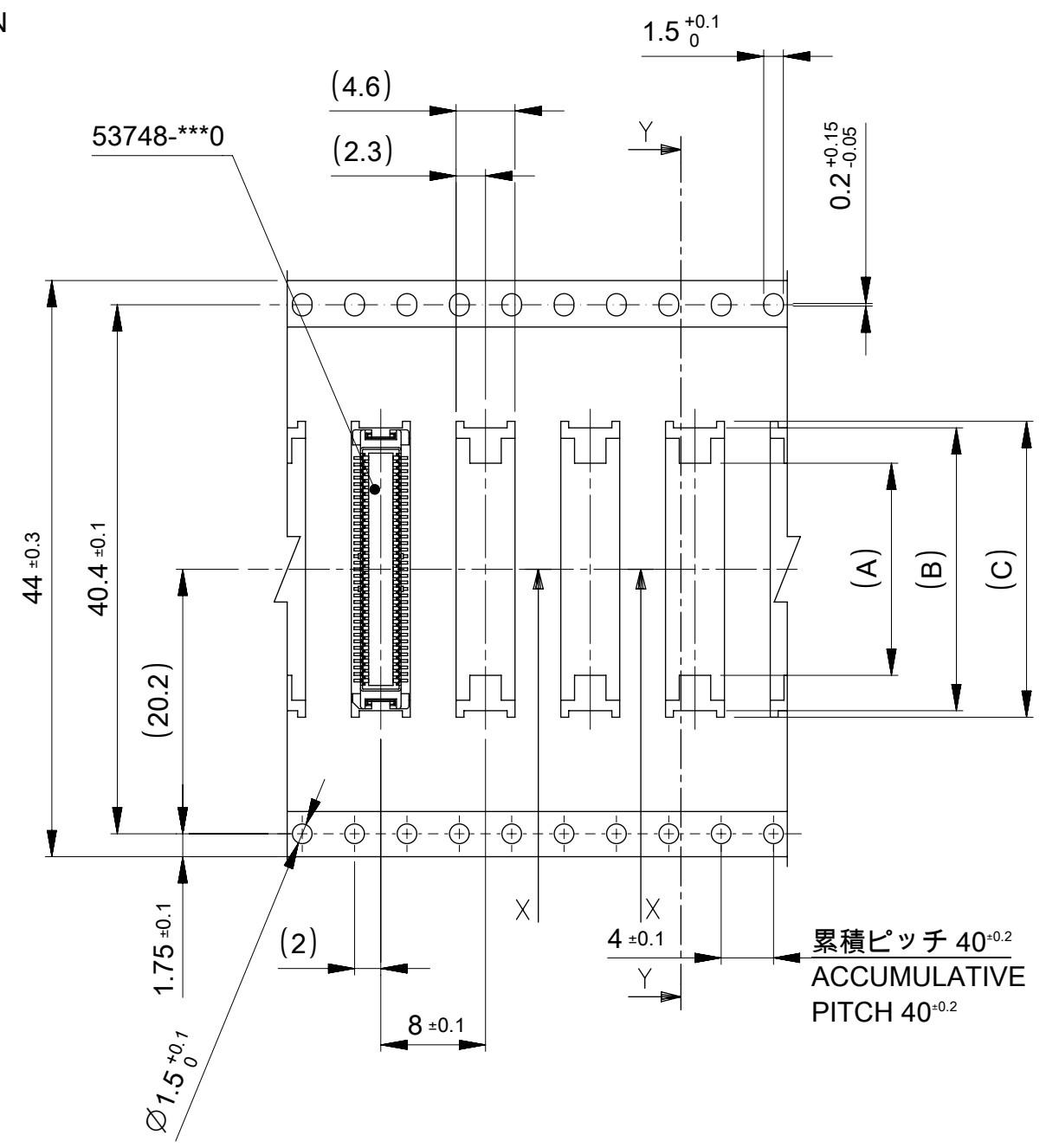
引き出し方向
PULL OUT DIRECTION

トップテープ
TOP TAPE

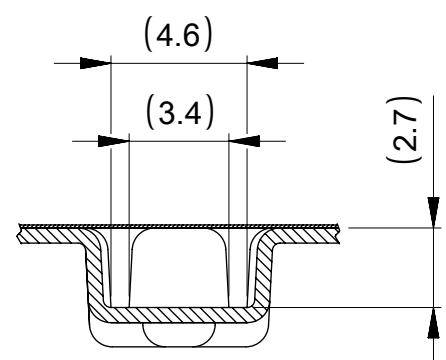


SECT:Y-Y

44mm 幅キャリアテープ
44mm WIDTH CARRIER TAPE



累積ピッチ 40^{+0.2}
ACCUMULATIVE
PITCH 40^{+0.2}



SECT:X-X
(SCALE:4-1)

44	45.5	25.1	24.1	18.7	53748-0808	80
		22.6	21.6	16.2	53748-0708	70
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	極数 CKT.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
DIMENSION UNITS mm	SCALE NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)				
GENERAL TOLERANCES (UNLESS SPECIFIED)				0.5 MM PITCH B-TO-B CONN. HEIGHT = 3 PLUG EMBOSS TAPE PACKAGE		
ANGULAR TOL ± 3.0 °				PRODUCT CUSTOMER DRAWING		
4 PLACES ± 0.2		EC NO: 739518 DRWN: TNAKAGAWA01 CHK'D: SMARUYAMA APPR: YNAITO		DOCUMENT NUMBER SD-53748-005		
3 PLACES ± 0.25		INITIAL REVISION: DRWN: NAKAMURAA APPR: NUKITA		DOC TYPE PSD		
2 PLACES ± 0.3		2008/12/08 2009/01/09		DOC PART 001		
1 PLACE ±		THIRD ANGLE PROJECTION		REVISION F		
0 PLACES ±		DRAWING A3-SIZE		SHEET NUMBER 5 OF 5		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES 53748		MATERIAL NUMBER SEE TABLE		
		CUSTOMER GENERAL				