

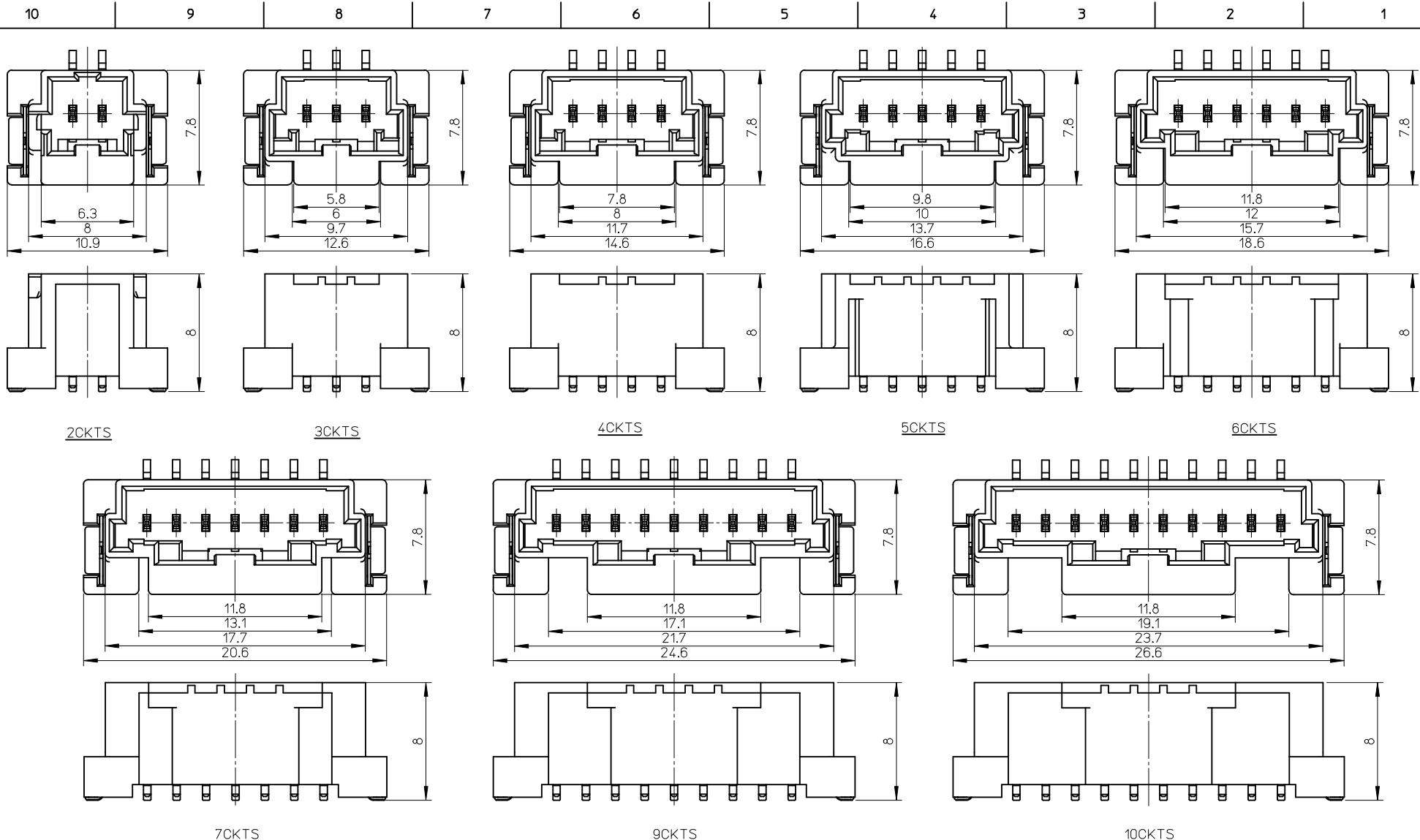
注記
NOTES

1. 材質
 ウエハー: 耐熱性ナイロン UL94V-0
 ピン: 銅合金、ニッケル下地、錫メッキ、金メッキ
 フィッティングネール: 銅合金、ニッケル下地、錫メッキ
 MATERIAL
 WAFER: POLYAMIDE UL94V-0
 PIN: COPPER ALLOY, GOLD OR TIN OVER NICKEL PLATE.
 FINNTING NAIL: COPPER ALLOY, TIN OVER NICKEL PLATE.
2. 色: ナチュラル、黒、赤、青
 COLOR: NATURAL, BLACK, RED, BLUE
3. 嵌合相手:
 ハウジング: 502351-xx0*
 錫メッキ端子: 50212-8*00, 50372-8*00, 560085-0101
 金メッキ端子: 56161-8*81
 MATES WITH
 HOUSING: 502351-xx0*
 SN PLATING TERMINAL: 50212-8*00, 50372-8*00, 560085-0101
 AU PLATING TERMINAL: 56161-8*81
4. エンボス梱包品の詳細はSD-560020-002参照
 DETAILED TAPING PACKAGE, SEE SD-560020-002
5. ELV及びRoHS適合
 ELV AND ROHS COMPLIANT
6. 半田付け面のコプラナリティ: 0.1mm MAX.
 CO-PLANARITY OF SOLDER TAILS TO BE 0.1mm MAX.

7. 一般公差
 GENERAL TOLERANCES
 10 UNDER: 0.2
 10 OVER 30 UNDER: 0.25
 30 OVER: 0.3
 ANGULAR ±1°

8CKTS

REVISED EC NO: JTR2016-0015 G DRW: KIKUNAGA I02 2016/03/01 CHKD: HKOMATSU 2016/03/04 APPR: MAYAMOTO 2016/03/08	QUALITY SYMBOLS F/A=0 F/C=0 F/P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	0 PLACE ± --- ± ---	DRAWN BY SHSHIBATA DATE 2009/02/18			
		ANGULAR ± - °						CHECKED BY HKOMATSU DATE 2009/02/18		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						APPROVED BY AKANESHI GE DATE 2009/02/18		
MATERIAL NO.				SEE CHART				TITLE 2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT		
DOCUMENT NO.				SD-560020-001				SHEET NO. 1 OF 4		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



2CKTS

3CKTS

4CKTS

5CKTS

6CKTS

7CKTS

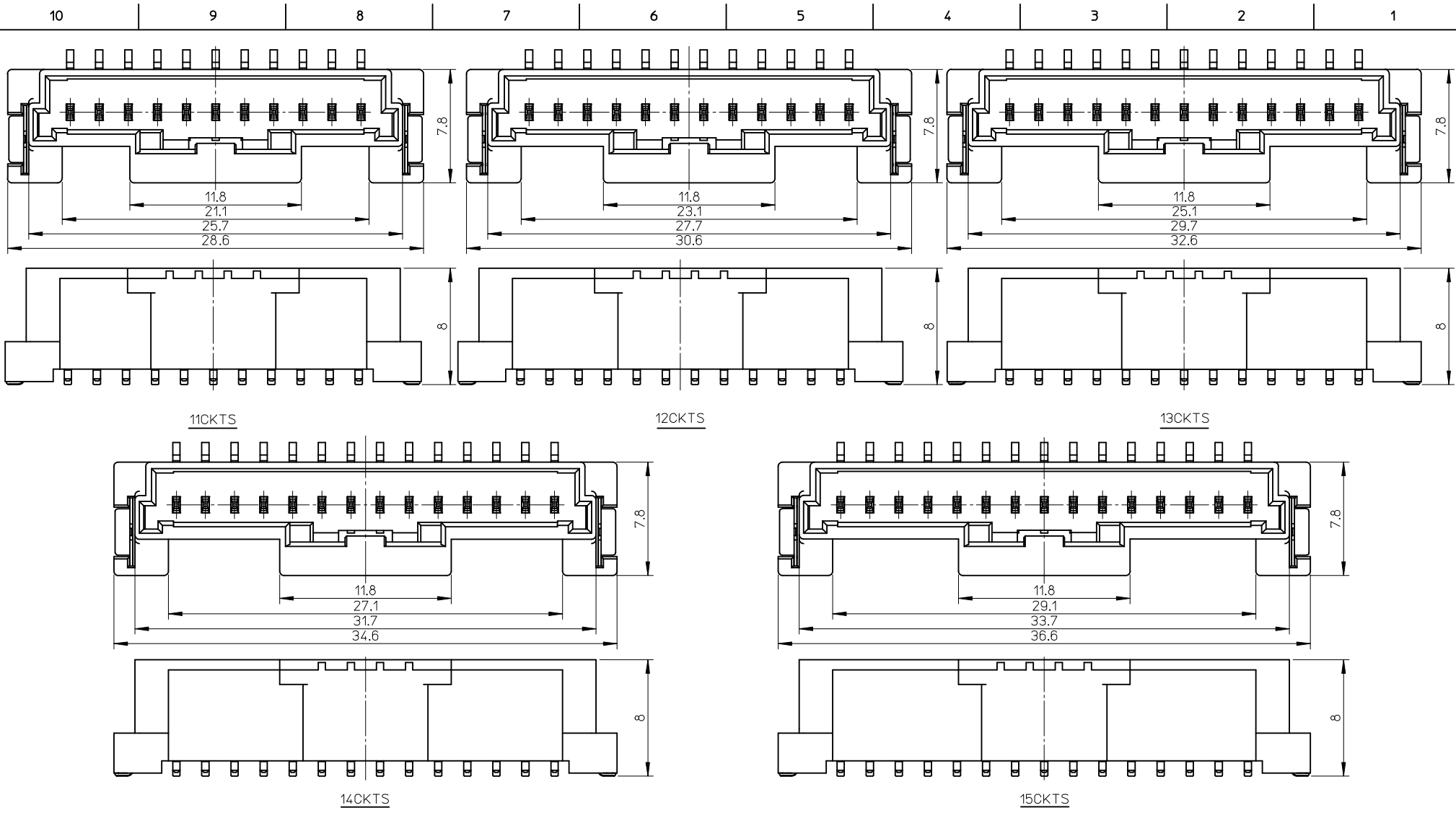
9CKTS

10CKTS

REVISED EC NO: JTR2016-0015 G DRW:KAKAGAI02 2016/03/01 CHKD:HKOMATSU 2016/03/04 APPR:KAYAMAMOTO 2016/03/08	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES \pm --- \pm --- 1 PLACE \pm --- \pm --- 0 PLACE \pm --- \pm ---	mm INCH	DRAWN BY SHSHIBATA	DATE 2009/02/18	TITLE 2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT			
		ANGULAR \pm - °		CHECKED BY HKOMATSU	DATE 2009/02/18	molex			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY AKANESHIGE	DATE 2009/02/18	MATERIAL NO.	DOCUMENT NO. SD-560020-001	SHEET NO. 2 OF 4	

SEE CHART

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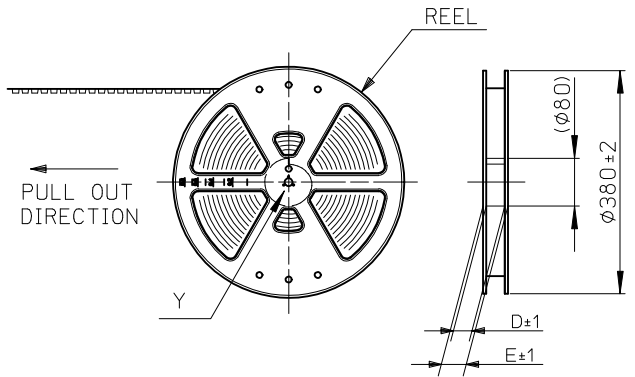
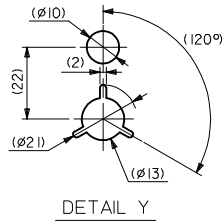
REVISED EC NO: JTR2016-0015 G DRW:KNAGA I02 2016/03/01 CHKD:HKOMATSU 2016/03/04 APPR:MIYAMOTO 2016/03/08	QUALITY SYMBOLS ∇ = 0 ∇ = 0 ∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																												
		<table border="1"> <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>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>SHSHIBATA</td> <td>2009/02/18</td> <td rowspan="4"> 2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT molex </td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>AKANESHIGE</td> <td>2009/02/18</td> </tr> </tbody> </table>	DRAWN BY	DATE	TITLE	SHSHIBATA	2009/02/18	2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT molex	CHECKED BY	DATE	APPROVED BY	DATE	AKANESHIGE	2009/02/18	DOCUMENT NO. SD-560020-001	SHEET NO. 3 OF 4
			mm	INCH																															
		4 PLACES	± ---	± ---																															
3 PLACES	± ---	± ---																																	
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																	

	10	9	8	7	6	5	4	3	2	1				
F	Sn NATURAL	11.8	29.1	33.7	36.6	560020-1520	15	Au NATURAL	11.8	29.1	33.7	36.6	560020-1530	15
		11.8	27.1	31.7	34.6	560020-1420	14		11.8	27.1	31.7	34.6	560020-1430	14
		11.8	25.1	29.7	32.6	560020-1320	13		11.8	25.1	29.7	32.6	560020-1330	13
		11.8	23.1	27.7	30.6	560020-1220	12		11.8	23.1	27.7	30.6	560020-1230	12
		11.8	21.1	25.7	28.6	560020-1120	11		11.8	21.1	25.7	28.6	560020-1130	11
		11.8	19.1	23.7	26.6	560020-1020	10		11.8	19.1	23.7	26.6	560020-1030	10
		11.8	17.1	21.7	24.6	560020-0920	9		11.8	17.1	21.7	24.6	560020-0930	9
		11.8	15.1	19.7	22.6	560020-0800/-0820	8		11.8	15.1	19.7	22.6	560020-0830	8
		11.8	13.1	17.7	20.6	560020-0700/-0720	7		11.8	13.1	17.7	20.6	560020-0730	7
		11.8	12	15.7	18.6	560020-0600/-0620	6		11.8	12	15.7	18.6	560020-0630	6
		9.8	10	13.7	16.6	560020-0500/-0520	5		9.8	10	13.7	16.6	560020-0530	5
		7.8	8	11.7	14.6	560020-0400/-0420	4		7.8	8	11.7	14.6	560020-0430	4
5.8	6	9.7	12.6	560020-0300/-0320	3	5.8	6	9.7	12.6	560020-0330	3			
6.3	/	8.0	10.9	560020-0200/-0220	2	6.3	/	8.0	10.9	560020-0230	2			
PLATING	D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CKTS	PLATING	D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CKTS	
CONNECTOR SERIES NO. 560020-**08						CONNECTOR SERIES NO. 560020-**18								

D	Sn BLACK	/	/	/	/	15	Sn RED	/	/	/	/	15	Sn BLUE	/	/	/	/	15			
		/	/	/	/	14		/	/	/	/	14		/	/	/	/	14			
		/	/	/	/	13		/	/	/	/	13		/	/	/	/	13			
		/	/	/	/	12		/	/	/	/	12		/	/	/	/	12			
		/	/	/	/	11		/	/	/	/	11		/	/	/	/	11			
		/	/	/	/	10		/	/	/	/	10		/	/	/	/	10			
		11.8	15.1	19.7	22.6	560020-0821		8	11.8	15.1	19.7	22.6		560020-0822	8	11.8	15.1	19.7	22.6	560020-0823	8
		/	/	/	/	7		/	/	/	/	7		/	/	/	/	7			
		11.8	12	15.7	18.6	560020-0621		6	11.8	12	15.7	18.6		560020-0622	6	11.8	12	15.7	18.6	560020-0623	6
		/	/	/	/	5		/	/	/	/	5		/	/	/	/	5			
		7.8	8	11.7	14.6	560020-0421		4	7.8	8	11.7	14.6		560020-0422	4	7.8	8	11.7	14.6	560020-0423	4
		5.8	6	9.7	12.6	560020-0321		3	5.8	6	9.7	12.6		560020-0322	3	5.8	6	9.7	12.6	560020-0323	3
6.3	/	8.0	10.9	560020-0221	2	6.3	/	8.0	10.9	560020-0222	2	6.3	/	8.0	10.9	560020-0223	2				
PLATING	D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CKTS	PLATING	D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CKTS	PLATING	D	C	B	A	EMBOSSED PACKAGE ORDER NO.	CKTS	
CONNECTOR SERIES NO. 560020-**28						CONNECTOR SERIES NO. 560020-**48						CONNECTOR SERIES NO. 560020-**68									

REVISED EC NO: JTR2016-0015 G DRINKNAGA I02 2016/03/01 CHKD:HKOMATSU 2016/03/04 APPR: MAYAMOTO 2016/03/08	QUALITY SYMBOLS F/A=0 F/G=0 F/P=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	5:1	METRIC	
			DRAWN BY SHSHIBATA DATE 2009/02/18		TITLE			
			CHECKED BY HKOMATSU DATE 2009/02/18		2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT			
APPROVED BY AKANESHIGE DATE 2009/02/18		MATERIAL NO.				DOCUMENT NO.		SHEET NO.
ANGULAR ± °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-560020-001		4 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE A3						

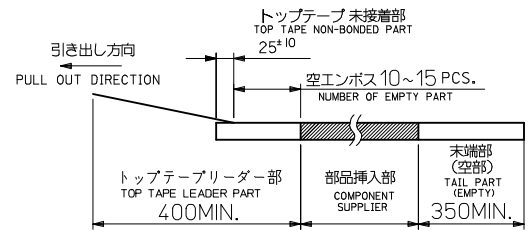
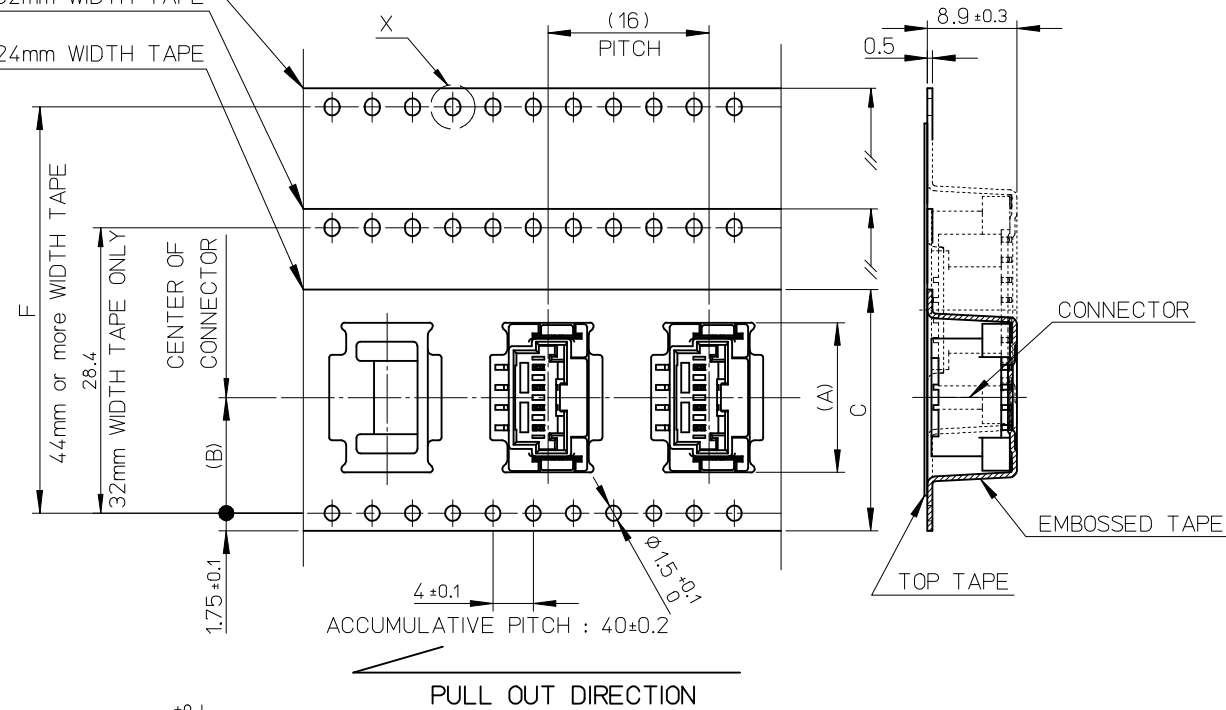
10 9 8 7 6 5 4 3 2 1



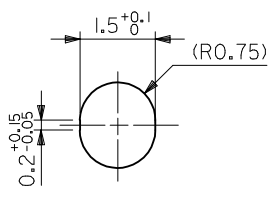
NOTES

- 製品番号:
 ナチュラル・錫めっき 560020-**20
 ナチュラル・金めっき 560020-**30
 黒・錫めっき 560020-**21
 赤・錫めっき 560020-**22
 青・錫めっき 560020-**23
 詳細寸法については、製品単体図面を参照ください。
 PART NO.
 NATURAL・Sn Plating 5600020-**20
 NATURAL・Au Plating 560020-**30
 BLACK・Sn Plating 5600020-**21
 RED・Sn Plating 5600020-**22
 BLUE・Sn Plating 5600020-**23
 SEE SALES DRAWING FOR CONNECTOR
- 梱包数量: 650個/REEL
 NUMBER OF CONNECTORS 650 PCS/REEL
- リードテープ長さ
 LEAD TAPE LENGTH

44mm or more
WIDTH TAPE
32mm WIDTH TAPE
24mm WIDTH TAPE



- 材料
 MATERIAL
 キャリアテープ: ポリスチレン
 CARRIER TAPE: POLYSTYRENE
 トッテープ: PET, PE, PEF
 TOP TAPE
 リール: ポリスチレン
 REEL: POLYSTYRENE
- 一般公差
 GENERAL TOLERANCES
 10 UNDER: 0.2
 10 OVER 30 UNDER: 0.25
 30 OVER: 0.3
 ANGULAR: ±1°



DETAIL X
(SCALE 10:1)

PULL OUT DIRECTION
DIRECTION OF CONNECTOR
IN EMBOSSSED TAPE

REVISED EC NO: JTR2016-0015 DRWN:KNAGA102 2016/03/01 CHKD:HKOMATSU 2016/03/04 APPR: MAYAMAMOTO 2016/03/08	QUALITY SYMBOLS ▽E=0 ▽F=0 ▽G=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	mm	INCH	DRAWN BY YTAMAKI	DATE 2014/05/23	TITLE 2.0MM PITCH W/B ST. WAFER ASSY EMBOSSSED TAPE PACKAGE
		2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	ANGULAR ± - °		CHECKED BY HKOMATSU	DATE 2014/05/23	molex
		0 PLACE ± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MAYAMAMOTO	DATE 2014/06/30	DOCUMENT NO. SD-560020-003	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1

	10					9					8					7					6					5					4					3					2					1																																																																																								
F	Sn NATURAL	52.4	61.4	57.4	56	26.2	36.9	560020-1520	15	Au NATURAL	52.4	61.4	57.4	56	26.2	36.9	560020-1530	15	Sn BLACK	40.4	49.4	45.4	44	20.2	34.9	560020-1420	14	Sn RED	40.4	49.4	45.4	44	20.2	32.9	560020-1320	13	Sn BLUE	40.4	49.4	45.4	44	20.2	30.9	560020-1220	12	Au NATURAL	40.4	49.4	45.4	44	20.2	28.9	560020-1120	11	Sn BLACK	28.4	37.4	33.4	32	14.2	26.9	560020-1020	10	Sn RED	28.4	37.4	33.4	32	14.2	24.9	560020-0920	09	Sn BLUE	28.4	37.4	33.4	32	14.2	22.9	560020-0820	08	Au NATURAL	28.4	37.4	33.4	32	14.2	20.9	560020-0720	07	Sn BLACK	29.4	25.4	24	11.5	18.9	560020-0620	06	Sn RED	29.4	25.4	24	11.5	16.9	560020-0520	05	Sn BLUE	29.4	25.4	24	11.5	14.9	560020-0420	04	Au NATURAL	29.4	25.4	24	11.5	12.9	560020-0320	03	Sn BLACK	11.2	560020-0220	02	Sn RED	11.2	560020-0220	02	Sn BLUE	11.2	560020-0220	02
		PLATING	F	E	D	C	(B)	(A)	エンボス梱包品 製品番号 MATERIAL NO.		CIRCUITS	PLATING	F	E	D	C	(B)	(A)		エンボス梱包品 製品番号 MATERIAL NO.	CIRCUITS	PLATING	F	E	D	C	(B)		(A)	エンボス梱包品 製品番号 MATERIAL NO.	CIRCUITS	PLATING	F	E	D	C		(B)	(A)	エンボス梱包品 製品番号 MATERIAL NO.	CIRCUITS																																																																																													

D	Sn BLACK	40.4	49.4	45.4	44	20.2	22.9	560020-0821	08	Sn RED	40.4	49.4	45.4	44	20.2	22.9	560020-0822	08	Sn BLUE	40.4	49.4	45.4	44	20.2	22.9	560020-0823	08			
		28.4	37.4	33.4	32	14.2	18.9	560020-0621	06		28.4	37.4	33.4	32	14.2	18.9	560020-0622	06		28.4	37.4	33.4	32	14.2	18.9	560020-0623	06			
		29.4	25.4	24	11.5	14.9	560020-0421	04	29.4		25.4	24	11.5	14.9	560020-0422	04	29.4	25.4		24	11.5	14.9	560020-0423	04						
		11.2	560020-0221	02	11.2	560020-0221	02	11.2	560020-0222		02	11.2	560020-0222	02	11.2	560020-0223	02													
		PLATING	F	E	D	C	(B)	(A)	エンボス梱包品 製品番号 MATERIAL NO.		CIRCUITS	PLATING	F	E	D	C	(B)	(A)		エンボス梱包品 製品番号 MATERIAL NO.	CIRCUITS	PLATING	F	E	D	C	(B)	(A)	エンボス梱包品 製品番号 MATERIAL NO.	CIRCUITS

REVISED	EC NO: JTR2016-0015	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 2.0MM PITCH W/B ST. WAFER ASSY EMBOSSED TAPE PACKAGE			
	DRW:KINAGA I02 2016/03/01								4 PLACES ± --- ± ---	DRAWN BY YTAMAKI	DATE 2014/05/23
	CHKD:HKOMATSU 2016/03/04								3 PLACES ± --- ± ---	CHECKED BY HKOMATSU	DATE 2014/05/23
	APPR: MAYAMAMOTO 2016/03/08								2 PLACES ± --- ± ---	APPROVED BY MAYAMAMOTO	DATE 2014/06/30
			1 PLACE ± --- ± ---	ANGULAR ± - °	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO. SD-560020-003	SHEET NO. 2 OF 2		