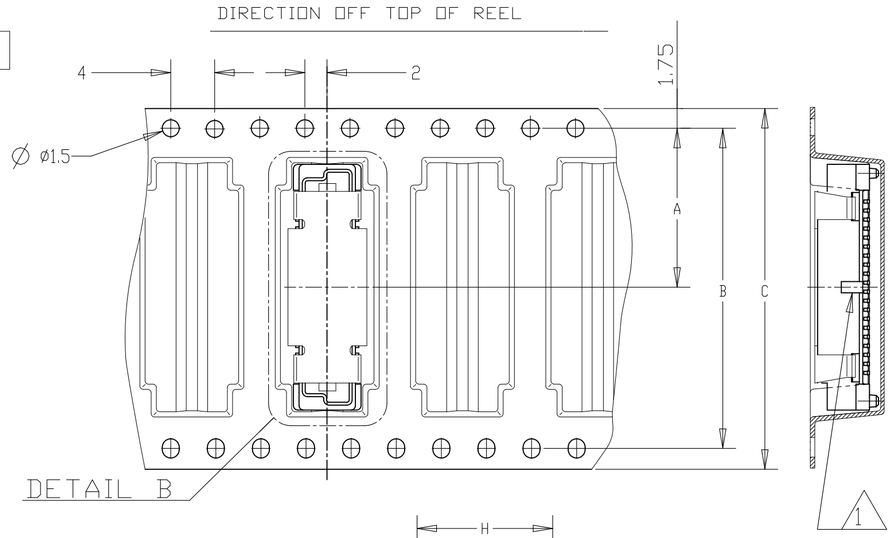
© – TE Connectivity. All Rights Reserved.

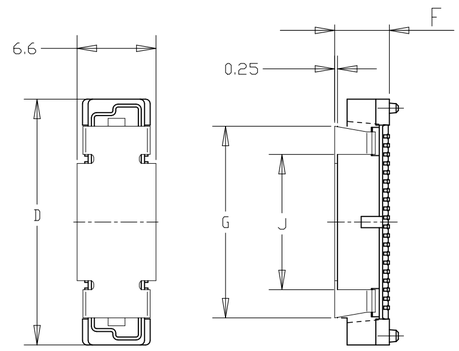
LOW HALOGEN

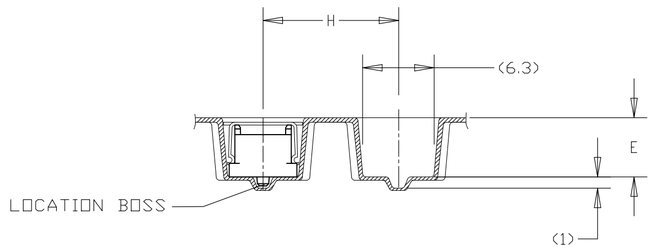
STEEL COVER

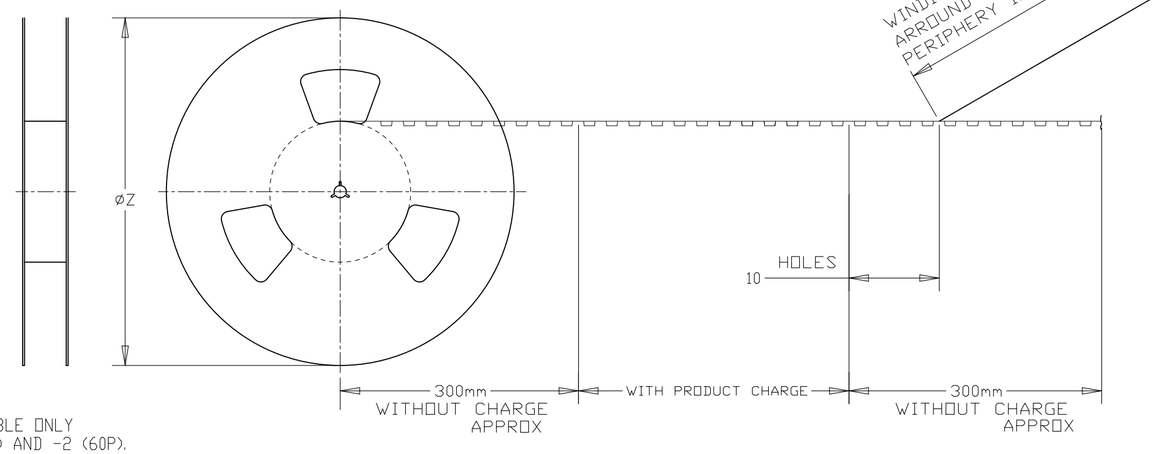
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F15	REVISED PRE ECR-26-288779	18AUG2026	MK	SSM

	QTY	HEIGHT TYPE	Z	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.
8	900	5H		1.2	4.6	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	1-5177986-9
8	900	5H		1.2	4.6	12	12	17	5.85	5.25	29.8	44	40.4	20.2	60	1-5177986-8
2	800	6H		2.6	5.6	12	12	17	5.85	6.25	25.8	44	40.4	20.2	50	9-5177986-9
6	550	6H		2.6	5.6	12	12	17	5.85	6.25	61.8	88	84.4	42.2	140	5177986-9
50u Au	900	5H		1.2	4.6	12	12	17	4.85	5.25	37.8	56	52.4	26.2	80	1-5177986-7 7
	900	5H		1.2	4.6	12	12	17	4.85	5.25	29.8	44	40.4	20.2	60	5177986-7
0.00076 MIN GOLD PLATING (30u INCHES GOLD PLATING)											61.8	88	84.4	42.2	140	7- -6
											53.8				120	7- -5
	450						16				45.8	72	68.4	34.2	100	7- -4
											37.8	56	52.4	26.2	80	7- -3
											29.8	44	40.4	20.2	60	7- -2
	700	7H		3.6	6.6		12		6.85	7.25	21.8	32	28.4	14.2	40	7-5177986-1
											69.8				160	6- -8
											61.8	88	84.4	42.2	140	6- -6
											53.8				120	6- -5
	550						16				45.8	72	68.4	34.2	100	6- -4
											37.8	56	52.4	26.2	80	6- -3
											29.8	44	40.4	20.2	60	6- -2
	800	6H		2.6	5.6		12		5.85	6.25	21.8	32	28.4	14.2	40	6-5177986-1
											85.8	104	100.4	50.2	200	5- -0
											69.8				160	5- -8
											61.8	88	84.4	42.2	140	5- -6
											53.8				120	5- -5
	650		330				16				45.8	72	68.4	34.2	100	5- -4
			380								37.8	56	52.4	26.2	80	5- -3
			330								29.8	44	40.4	20.2	60	5- -2 1
	900	5H		1.2	4.6	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	5-5177986-1 1
8 15u Au	800	6H		2.6	5.6	12	12	17	5.85	6.25	21.8	32	28.4	14.2	40	9-5177986-4
	550	6H		2.6	5.6	12	16	17	5.85	6.25	69.8	88	84.4	42.2	160	9-5177986-8
	550	6H		2.6	5.6	12	16	17	5.85	6.25	53.8	72	68.4	34.2	120	9-5177986-5
	550	6H		2.6	5.6	12	16	17	5.85	6.25	61.8	88	84.4	42.2	140	9-5177986-2
	800	6H	330	2.6	5.6	12	12	17	5.85	6.25	37.8	56	52.4	26.2	80	9-5177986-1
	900	5H	380	1.2	4.6	12	12	17	4.85	5.25	37.8	56	52.4	26.2	80	8-5177986-3
	450	7H	330	3.6	6.6	12	16	17	6.85	7.25	53.8	72	68.4	34.2	120	4-5177986-5
0.0002 MIN GOLD PLATING (7.8u INCHES GOLD PLATING)											85.8				200	4- -0
											77.8	104	100.4	50.2	180	3- -9
											69.8				160	3- -8
											61.8	88	84.4	42.2	140	3- -6
											53.8				120	3- -5
	400						16				45.8	72	68.4	34.2	100	3- -4
											37.8	56	52.4	26.2	80	3- -3
											29.8	44	40.4	20.2	60	3- -2
	600	8H		4.6	7.6		12		7.85	8.25	21.8	32	28.4	14.2	40	3-5177986-1
											85.8				200	3- -0
											77.8	104	100.4	50.2	180	2- -9
											69.8				160	2- -8
											61.8	88	84.4	42.2	140	2- -6
											53.8				120	2- -5
	450						16				45.8	72	68.4	34.2	100	2- -4
											37.8	56	52.4	26.2	80	2- -3
											29.8	44	40.4	20.2	60	2- -2
	700						12				21.8	32	28.4	14.2	40	2-5177986-1
	500	7H		3.6	6.6		16		6.85	7.25	21.8	32	28.4	14.2	40	2-5177986-0
											61.8	88	84.4	42.2	140	1- -6
											53.8				120	1- -5
	550						16				45.8	72	68.4	34.2	100	1-5177986-4
											37.8	56	52.4	26.2	80	9-5177986-3
											37.8	56	52.4	26.2	80	1- -3
											29.8	44	40.4	20.2	60	1- -2
	800	6H		2.6	5.6		12		5.85	6.25	21.8	32	28.4	14.2	40	1-5177986-1
											85.8	104	100.4	50.2	200	1-5177986-0
											69.8				160	-8
											61.8	88	84.4	42.2	140	-6
											53.8				120	-5
	650		330				16				45.8	72	68.4	34.2	100	-4
			380								37.8	56	52.4	26.2	80	-3
			330								29.8	44	40.4	20.2	60	-2 1
	900	5H	330	1.2	4.6	12	12	17	4.85	5.25	21.8	32	28.4	14.2	40	5177986-1 1
REMARKS	QTY	HEIGHT TYPE	Z	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.









Notes:

1. CUTOUT FEATURE AVAILABLE ONLY ON 5H ASSY P/N -1 (40P) AND -2 (60P).
2. 0.00038 MIN GOLD PLATING (15u INCHES GOLD PLATING)
3. CONNECTOR DIMENSIONS REFERENCED FROM DRAWING WHICH CONN. P/Ns BASED
4. CONNECTOR WITH BLACK HOUSING
5. MATERIAL: HOUSING: L.C.P UL 94-V0. COLOR: NATURAL EXCEPT FOR NOTE 4 CONTACT: BRASS
6. MATING AREA : 0.00076 MIN GOLD PLATING TERMINATION AREA : 0.0025 MIN MATTE Sn PLATING
7. MATING AREA : 0.00127 MIN GOLD PLATING TERMINATION AREA : 0.0025 MIN MATTE Sn PLATING
8. FINISH : 0.00127 MIN ALL OVER NICKEL CONTACT AREA : GOLD FLASH TERMINATION AREA : 0.0025 MIN MATTE Sn PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 3°

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DWN	30AUG2004 FLORENCE TAN
CHK	30MAY2012 ERIC TNG
APVD	30MAYT2012 SF LEONG
PRODUCT SPEC	108-5390
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity Ltd.

NAME: PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-5177986	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 6 | REV F15

5177986

© – TE Connectivity. All Rights Reserved.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

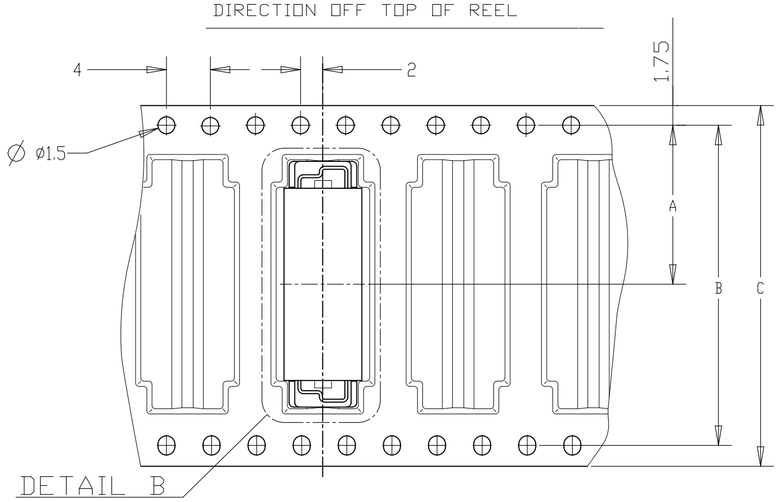
LOW HALOGEN

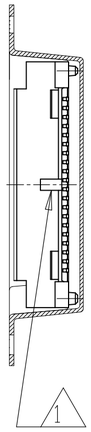
POLYIMIDE COVER

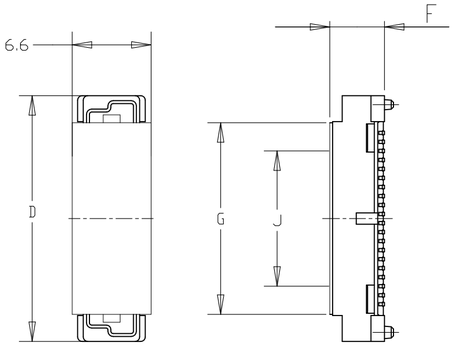
Notes:

6 0.0002 MIN GOLD PLATING
(7.8u INCHES GOLD PLATING)

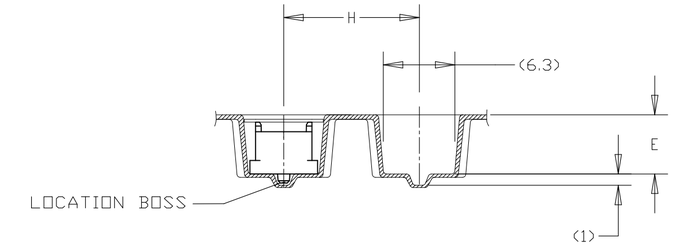
DIRECTION OFF TOP OF REEL

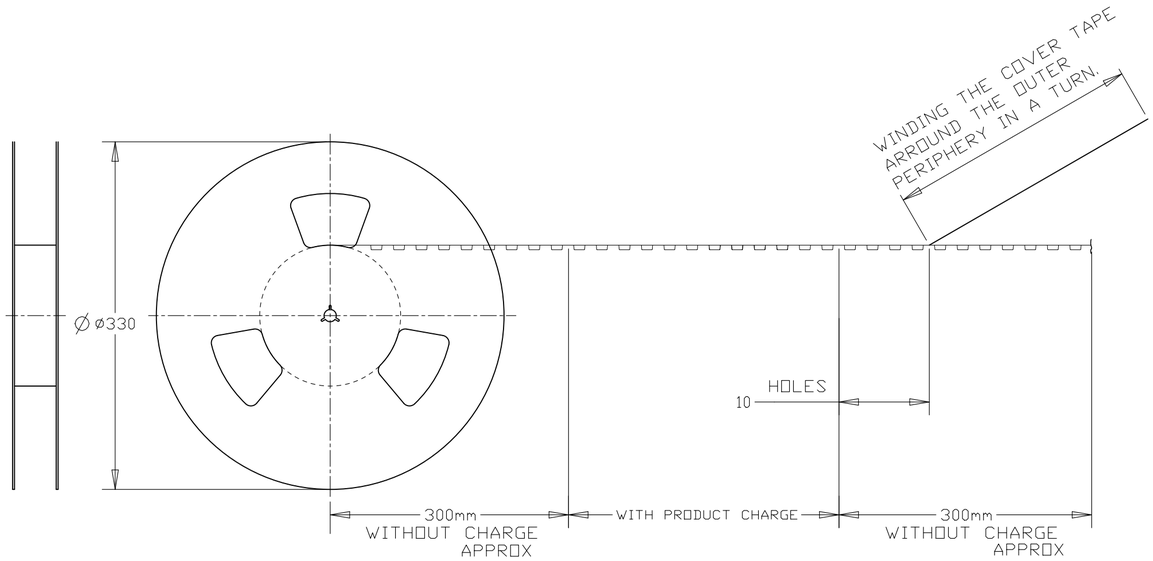






DETAIL B





6	800	6H	2.6	5.6	12	12	17	5.85	6.25	37.8	56	52.4	26.2	80	9-5177986-3
	650	5H	1.2	4.6	12	16	17	4.85	5.25	61.8	88	84.4	42.2	140	9-5177986-6
REMARKS	QTY	HEIGHT TYPE	Y	X	J	H	G	F	E	D	C	B	A	POS	SALEABLE PART NO.

4

1471-9 (1/15)

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN FLORENCE TAN 30AUG2004	TE Connectivity Ltd.	
DIMENSIONS: mm	CHK ERIC TNG 30MAY2012	NAME PLUG ASSEMBLY, FH 0.8 ON TAPING (EMBOSS) 0.5 BOSS LENGTH –	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –; 1 PLC ± 0.2; 2 PLC ± 0.15; 3 PLC ± 0.1; 4 PLC ± –; ANGLES ± 3°	APVD SF LEONG 30MAYT2012		
	PRODUCT SPEC 108-5390		
	APPLICATION SPEC –	SIZE A2	CAGE CODE 00779
MATERIAL SEE NOTE	WEIGHT –	DRAWING NO C-5177986	RESTRICTED TO –
FINISH SEE NOTE	CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 6 REV F15

5177986

© – TE Connectivity. All Rights Reserved.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

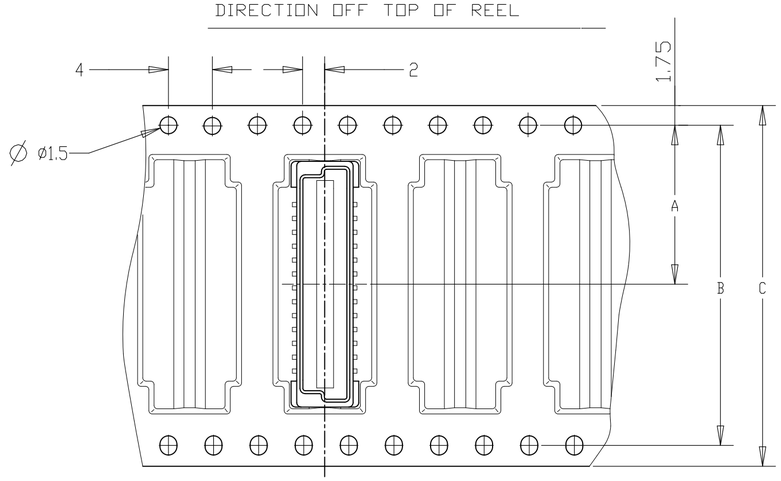
LOW HALOGEN

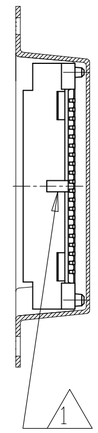
WITHOUT COVER

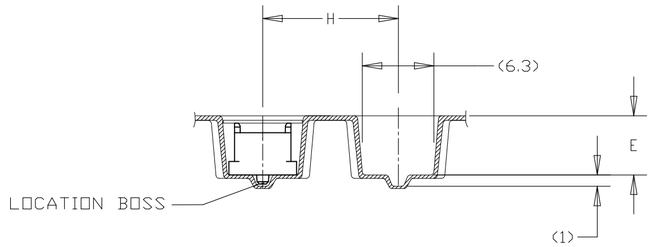
Notes:

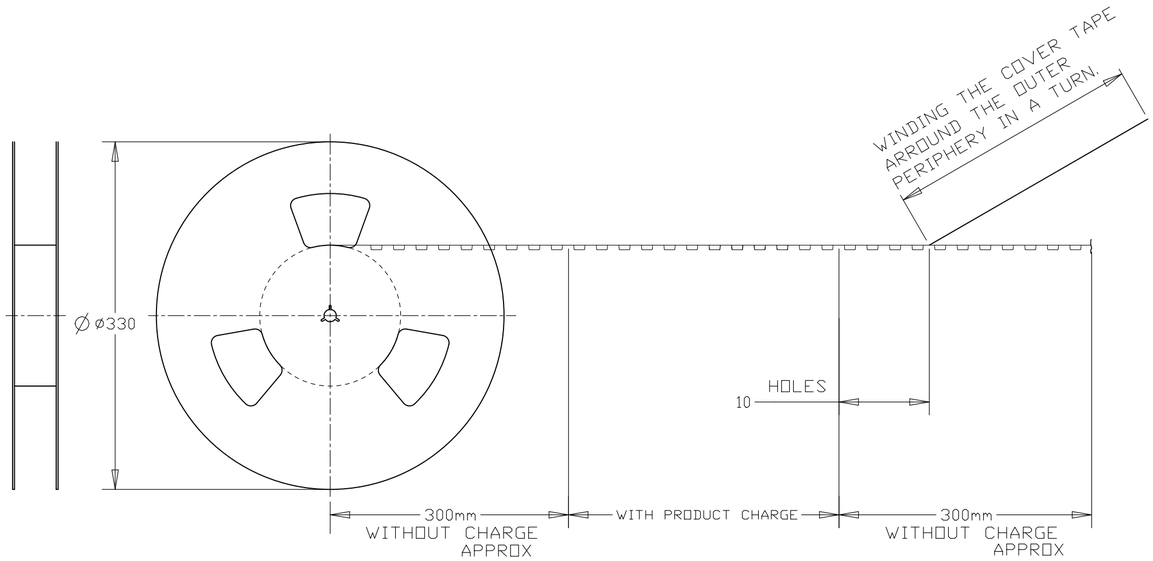
2 0.00038 MIN GOLD PLATING
(15u INCHES GOLD PLATING)

DIRECTION OFF TOP OF REEL









2	650	5H	1.2	4.6	16	5.25	88	84.4	42.2	160	8-5177986-8
	650	5H	1.2	4.6	16	5.25	72	68.4	34.2	120	8-5177986-5
REMARKS	QTY	HEIGHT TYPE	Y	X	H	E	C	B	A	POS	SALEABLE PART NO.

1471-9 (1/15)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 3°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN FLORENCE TAN 30AUG2004
CHK ERIC TNG 30MAY2012
APVD SF LEONG 30MAYT2012
PRODUCT SPEC 108-5390
APPLICATION SPEC –
WEIGHT –

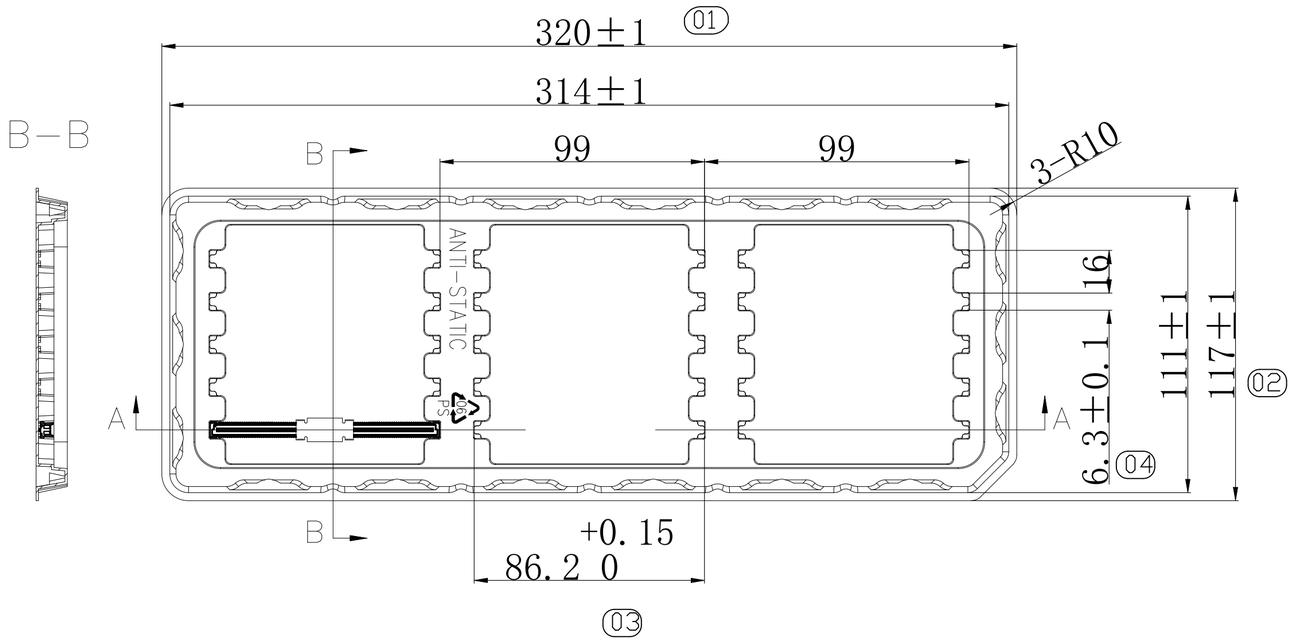
TE Connectivity Ltd.

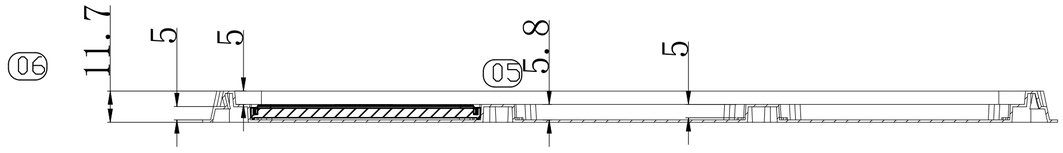
NAME
PLUG ASSEMBLY, FH 0.8
ON TAPING (EMBOSS) 0.5 BOSS LENGTH
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-5177986	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 6 | REV F15

5177986





A–A

△2	3	15	5H	4.6	1.2	200	5-5177
FINISH	ROW	QTY	HEIGHT TYPE	X	Y	POS	PART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±	–
1 PLC	±	0.2
2 PLC	±	0.15
3 PLC	±	0.1
4 PLC	±	–
ANGLES	±	3°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN FLORENCE TAN 30AUG2004
CHK ERIC TNG 30MAY2012
APVD SF LEONG 30MAYT2012
PRODUCT SPEC 108-5390
APPLICATION SPEC –
WEIGHT –

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME
PLUG ASSEMBLY, FH 0.8
ON TAPING (EMBOSS) 0.5 BOSS LENGTH
–

SIZE	CAGE CODE	DRAWING NO	RESTRIC
A2	00779	C-5177986	–

SCALE 1:1 SHEET 5 OF 6 REV

© – TE Connectivity. All Rights Reserved.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

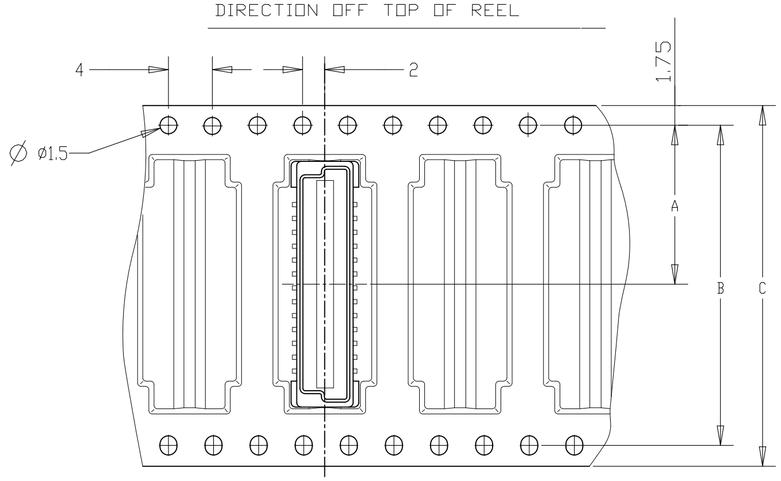
LOW HALOGEN

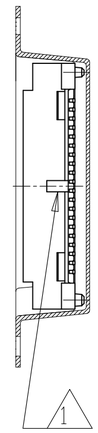
WITHOUT COVER

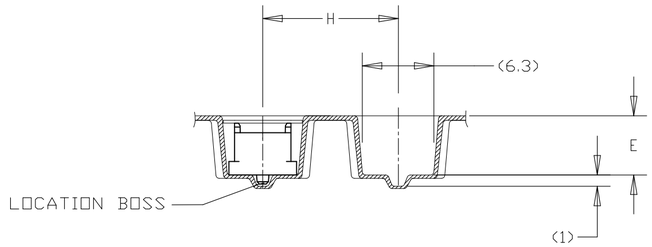
Notes:

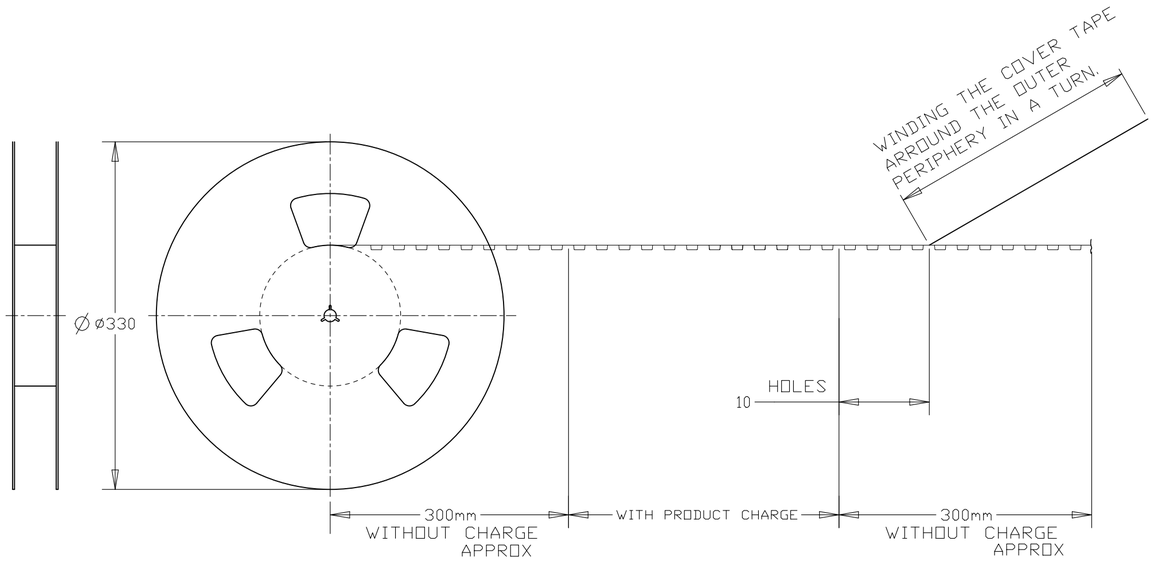
2 0.00038 MIN GOLD PLATING
(15u INCHES GOLD PLATING)

DIRECTION OFF TOP OF REEL









2	650	5H	1.2	4.6	16	5.25	88	84.4	42.2	160	8-5177986-8
	650	5H	1.2	4.6	16	5.25	72	68.4	34.2	120	8-5177986-5
REMARKS	QTY	HEIGHT TYPE	Y	X	H	E	C	B	A	POS	SALEABLE PART NO.

1471-9 (1/15)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 3°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN FLORENCE TAN 30AUG2004
CHK ERIC TNG 30MAY2012
APVD SF LEONG 30MAYT2012
PRODUCT SPEC 108-5390
APPLICATION SPEC –
WEIGHT –

TE Connectivity Ltd.

NAME
PLUG ASSEMBLY, FH 0.8
ON TAPING (EMBOSS) 0.5 BOSS LENGTH
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-5177986	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 6 | REV F15

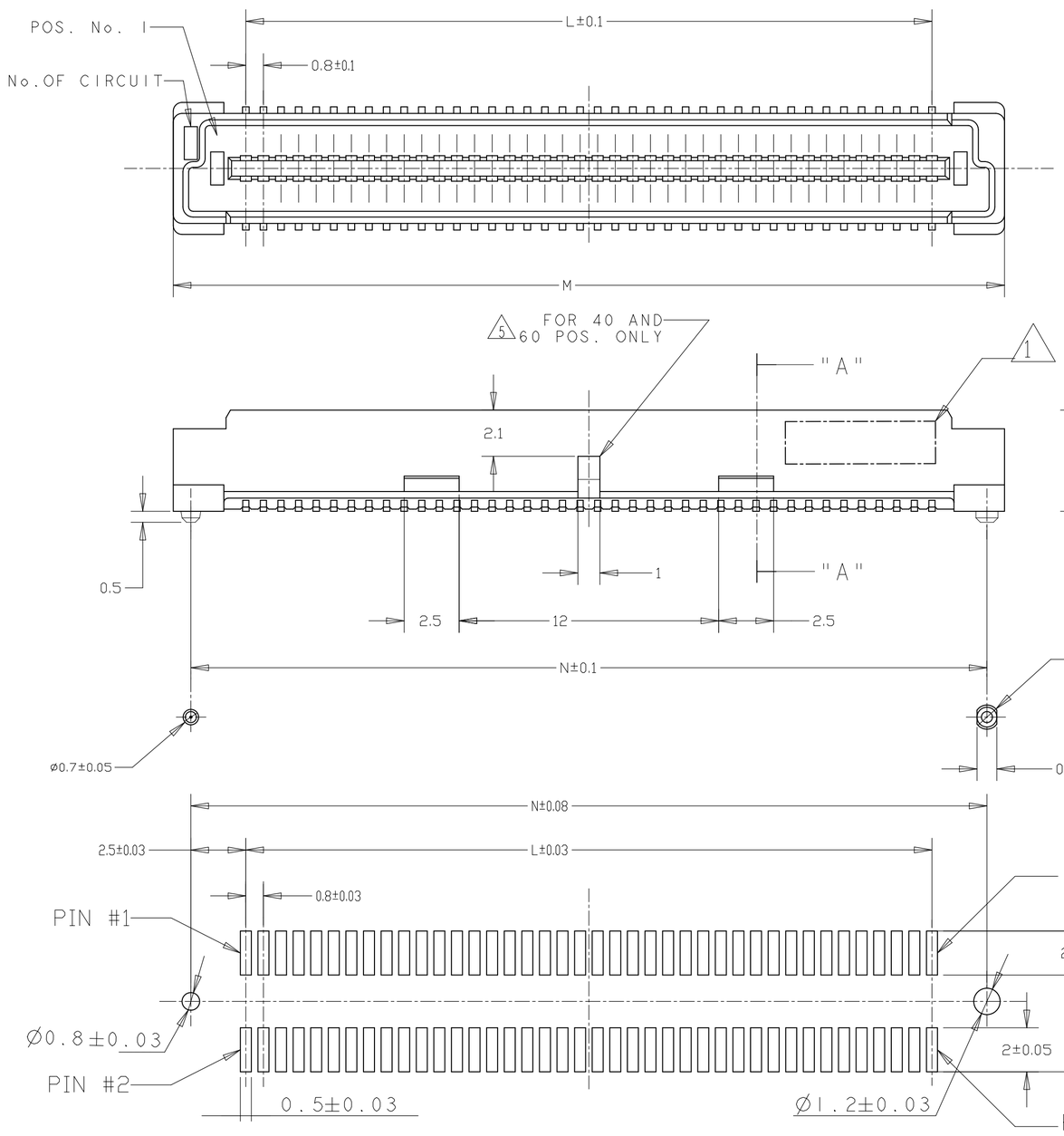
5177986

© – TE Connectivity. All Rights Reserved.

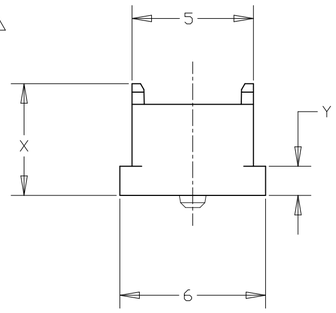
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

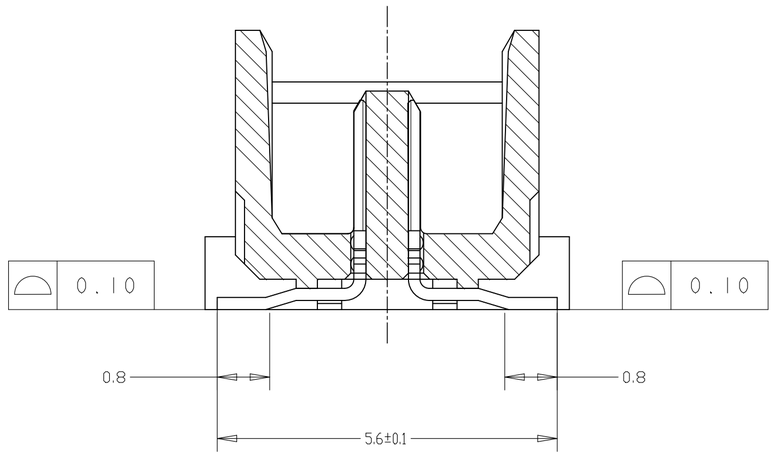
LOW HALOGEN

CONNECTOR ONLY



RECOMMENDED P.C.BOARD LAYOUT





SECT."A"-"A"

N	M	L	POS.
84.2	85.8	79.2	200
76.2	77.8	71.2	180
68.2	69.8	63.2	160
60.2	61.8	55.2	140
52.2	53.8	47.2	120
44.2	45.8	39.2	100
36.2	37.8	31.2	80
28.2	29.8	23.2	60
24.2	25.8	19.2	50
20.2	21.8	15.2	40

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.2
2 PLC ± 0.15
3 PLC ± 0.1
4 PLC ± –
ANGLES ± 3°

MATERIAL: SEE NOTE

FINISH: SEE NOTE

DWN 30AUG2004 FLORENCE TAN
CHK 30MAY2012 ERIC TNG
APVD 30MAYT2012 SF LEONG
PRODUCT SPEC 108-5390
APPLICATION SPEC —
WEIGHT —

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME
PLUG ASSEMBLY, FH 0.8
ON TAPING (EMBOSS) 0.5 BOSS LENGTH
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-5177986	—

SCALE	SHEET	REV
1:1	6 OF 6	F15

5177986