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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	C1	REVISED PERECR-14-003969	08DEC14	T.Q W.H

(AS SHOWN : -6)

Top view of the connector assembly. Dimensions include: 1.75, ±0.1, 4.0, ±0.1, PITCH ±0.1, 12.0, ±0.1, 2.0 PITCH, 6.5, 4.3, 2.2, 1.2, "G" ∅1.5<sup>+0.1</sup>/<sub>-0</sub>, "H", A ±0.1, A/2, B, C ±0.1, D ±0.3, ±0.1, 1.75.

SECT "G"- "G"

9P ONLY. Dimensions include: 6.80, 2.20, 3.90, 1.20, ±0.1, 12.0 PITCH, ±0.1, 2.0 PITCH, 4.0, ∅1.5<sup>+0.1</sup>/<sub>-0</sub>, 1.75, ±0.1, 2.75, 3.65, 1.0, A ±0.1, A/2, ±0.1, 1.75, ±0.1, 1.0.

SECT "H"- "H". Dimensions include: 8.15, ±0.1, 0.5.

Fig-1. WINDING THE COVER TAPE AROUND THE OUTER PERIPHERY IN A TURN. PEELING ANGLE, 165-180°. 15 HOLES. WITHOUT CHARGE: 300mm APPROX. WITH PRODUCT CHARGE. WITHOUT CHARGE: 600mm APPROX. ∅370.

COLOR	PLATE	D	C	B	A	QTY/ REEL	POS	TAPING P/N
BLACK		44.0	40.5	20.25	25.6	9	2-292174-9	
		44.0	40.4	20.2	22.9	8	2-	-8
		32.0	28.4	14.2	20.9	7	2-	-7
		32.0	28.4	14.2	18.9	6	2-	-6
		32.0	28.4	14.2	16.9	5	2-	-5
		32.0	28.4	14.2	14.9	4	2-	-4
		32.0	28.4	14.2	12.9	3	2-	-3
WITH		32.0	28.4	14.2	10.9	700	2	2-292174-2
NATURAL		44.0	40.5	20.25	25.6	9	292174-9	
		44.0	40.4	20.2	22.9	8		-8
		32.0	28.4	14.2	20.9	7		-7
		32.0	28.4	14.2	18.9	6		-6
		32.0	28.4	14.2	16.9	5		-5
		32.0	28.4	14.2	14.9	4		-4
		32.0	28.4	14.2	12.9	3		-3
WITH		32.0	28.4	14.2	10.9	700	2	292174-2

NOTES:  
 1. PEELING RESISTANCE: 0.196N(20gf)-0.686N(70gf)  
 PEELING SPEED: 300mm/min

TOLERANCE UNLESS OTHERWISE SPECIFIED  
 10>\* :±0.2  
 30>\*>10 :±0.25  
 100>\*>30 :±0.3  
 ANGLE :±3'

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JACK HOU 17SEP10	TE Connectivity	
DIMENSIONS: MM		CHK MARTIN LI 17SEP10		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD STEVEN YAO 17SEP10	NAME	
0 PLC ±		PRODUCT SPEC	ON TAPING (EMBOSS)	
1 PLC ±		APPLICATION SPEC	TE CT CONNECTOR POST HEADER ASS'Y	
2 PLC ±		WEIGHT	(BOX-V SMT W/BOSS & TAIL)	
3 PLC ±		CUSTOMER DRAWING	SIZE A3	RESTRICTED TO
4 PLC ±			CAGE CODE 00779	DRAWING NO C-292174
ANGLES ±			SCALE	SHEET 1 OF 3
FINISH				REV C1

1470-19 (3/11)

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LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

1.6 F 2.2 CIRCUIT No.1 (BASIS PIN)  
 PITCH 2 REF. (0.7)  
 2.5 "B"  
 2.3 "A"  
 1.1  
 0.9  
 "A"  
 "B"  
 1.2  
 REF. (2.3) E  
 TRADE MARK

0.05±0.1  
 (AS SHOWN : 2-292174-6)  
 0.1MAX COPLANARITY  
 REF. (2.1)  
 SEE DETAIL "C"  
 Ø1.0 4.8 5.8  
 0.2x45° CHAM  
 SECT "B"- "B"

DETAIL "C"  
 SCALE 10:1

NOTES;

- MATERIAL:HSG:6T PA(G.F.30%)(UL94V-0)  
 COLOR:BLACK OR NATURAL  
 POST:TIN BRASS  
 TAIL:TIN BRASS
- △ OCCUPANT AREA ON PC BOARD
- PRODUCT SPEC :108-60016
- △ TO BE MEASURED WITH CONNECTOR PLACED ON HORIZONTAL DATUM SURFACE,FLOAT OF SOLDER TINE AND TAIL FROM DATUM SURFACE IS 0.1mm MAX
- △ 292174-6 SHOWED ON SHEET 3/3.

Ø0.6  
 7.8 +0.3  
 4.5  
 0.8  
 0.6  
 G  
 SECT "A"- "A"

NO ACCUMULATED TOLERANCE  
 ±0.1 F ±0.1 CIRCUIT No.1 (BASIS PIN)  
 2.5 ±0.1 3.0 ±0.1  
 TYP 1.8 MIN PITCH 2 1.2 TYP MIN 2.8  
 ±0.1  
 1.2  
 ±0.1  
 2.6  
 ±0.1  
 2.4  
 ±0.1  
 1.45 ±0.1 G ±0.1  
 +0.1  
 -0.1  
 Ø1.1 HOLE

RECOMENED P.C.BOARD LAYOUT  
 (P.C.B THK:0.8mm MIN)

18.6	16.0	19.8	9	2-292174-9	292174-9
16.6	14.0	17.8	8	2- -8	-8
14.6	12.0	15.8	7	2- -7	-7
12.6	10.0	13.8	6	2- -6	-6
10.6	8.0	11.8	5	2- -5	-5
8.6	6.0	9.8	4	2- -4	-4
6.6	4.0	7.8	3	2- -3	-3
4.6	2.0	5.8	2	2-292174-2	292174-2
G	F	E	Pos.	BLACK	NATURAL
P/N					

3 P

2 P

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 10\*\* : ±0.2  
 30\*\*>10 : ±0.25  
 100\*\*>30 : ±0.3  
 ANGEL : ±3°

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DWN JACK HOU 17SEP10	 TE Connectivity SMT TYPE POST HDR ASS'Y(V) WITH BOSS &WITH TAIL TYPE TE CT CONN. 2 mm PITCH					
CHK MARTIN LI 17SEP10						
APVD STEVEN YAO 17SEP10						
NAME						
DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ± -	1 PLC ± -	SEE NOTE	A3	00779	C-292174	
2 PLC ± -	2 PLC ± -	APPLICATION SPEC	SCALE	SHEET	REV	
3 PLC ± -	3 PLC ± -	WEIGHT	5:1	2 of 3	C1	
4 PLC ± -	4 PLC ± -	MATERIAL	CUSTOMER DRAWING			
ANGLES ± -	FINISH	SEE NOTE				

1470-19 (3/11)

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LOC  
ES  
DIST  
00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

1.6 F 2.2 CIRCUIT No.1 (BASIS PIN)

PITCH 2 REF. (0.7)

"B"

2.5

2.3 "A"

1.1

0.9

"A"

"B"

1.2

REF. (2.3) E

TRADE MARK

0.05±0.1

0.1MAX COPLANARITY

7.5 REF. (2.1)

∅1.0

4.8

5.8

0.2x45° CHAM

SECT "B"- "B"

(AS SHOWN : 292174-6)

DETAIL "C"  
SCALE 10:1

NOTES;

2. MATERIAL:HSG:6T PA(G.F.30%)(UL94V-0)  
COLOR:BLACK OR NATURAL  
POST:TIN BRASS  
TAIL:TIN BRASS

3. OCCUPANT AREA ON PC BOARD

4. PRODUCT SPEC :108-60016

5. TO BE MEASURED WITH CONNECTOR PLACED ON HORIZONTAL DATUM SURFACE,FLOAT OF SOLDER TINE AND TAIL FROM DATUM SURFACE IS 0.1mm MAX

∅0.6

7.8 +0.3  
-0.2

4.5

0.8

0.6

G

SECT "A"- "A"

∅0.1

0.05

NO ACCUMULATED TOLERANCE

±0.1 F ±0.1

2.5 ±0.1

3.0 ±0.1

1.8 TYP. MIN

PITCH 2

1.2

1.2

±0.1

1.2

±0.1

2.6

±0.1

2.4

±0.1

1.45 ±0.1

G ±0.1

∅1.1 +0.1  
-0 HOLE

CIRCUIT No.1 (BASIS PIN)

RECOMENED P.C.BOARD LAYOUT  
(P.C.B THK:0.8mm MIN)

12.6	10.0	13.8	6	292174-6
G	F	E	Pos.	NATURAL
				P/N

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DWN JACK HOU 17SEP10

CHK MARTIN LI 17SEP10

APVD STEVEN YAO 17SEP10

PRODUCT SPEC

SEE NOTE

APPLICATION SPEC

-

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS:

MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -

MATERIAL

SEE NOTE

FINISH

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

10>*	: ±0.2
30>*>10	: ±0.25
100>*>30	: ±0.3
ANGEL	: ±3°

TE Connectivity

SMT TYPE POST HDR ASS'Y(V)  
WITH BOSS &WITH TAIL TYPE  
TE CT CONN. 2 mm PITCH

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=292174	-

SCALE	SHEET	REV
5:1	3 of 3	C1

1470-19 (3/11)