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LOC  
ES 00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	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, "G".

SECT "G"- "G"

9P ONLY  
Top view of the 9P only connector assembly. 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, 1.0, ±0.1, 1.75, D ±0.3, C ±0.1, 1.0.

SECT "H"- "H"

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

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°

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DWN JACK HOU 17SEP10

CHK MARTIN LI 17SEP10

APVD STEVEN YAO 17SEP10

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

ON TAPING (EMBOSS)  
TE CT CONNECTOR POST HEADER ASS'Y  
(BOX-V SMT W/BOSS & TAIL)

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

SCALE	SHEET	REV
1:1	1 OF 3	C1

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

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

SEE DETAIL "C"  
 0.1MAX COPLANARITY  
 REF. (2.1)  
 Ø1.0  
 4.8  
 5.8  
 0.2x45° CHAM  
 SECT "B"- "B"

0.05±0.1  
 (AS SHOWN : 2-292174-6)  
 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  
 2.5 ±0.1 3.0 ±0.1 CIRCUIT No.1 (BASIS PIN)  
 TYP 1.8 MIN PITCH 2 1.2 TYP MIN 2.8  
 TYP 3.3 MIN  
 ±0.1  
 1.45 ±0.1 G ±0.1  
 ±0.1  
 1.2  
 ±0.1  
 2.6  
 ±0.1  
 2.4  
 +0.1  
 -0  
 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 ± -	3 PLC ± -	APPLICATION SPEC	WEIGHT			
4 PLC ± -	ANGLES ± -	SEE NOTE	CUSTOMER DRAWING	SCALE 5:1	SHEET 2 of 3	REV C1
MATERIAL SEE NOTE	FINISH SEE NOTE					

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

0.05±0.1  
 0.1MAX COPLANARITY  
 7.5 REF. (2.1)  
 ∅1.0 4.8 5.8  
 0.2x45° CHAM  
 SECT "B"- "B"

0.05±0.1  
 (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  
 4.5 ±0.2  
 0.8  
 0.6  
 G  
 SECT "A"- "A"

NO ACCUMULATED TOLERANCE  
 ±0.1 F ±0.1  
 2.5 ±0.1 3.0 ±0.1  
 TYP 1.8 MIN PITCH 2  
 1.2  
 TYP 3.3 MIN  
 1.45 ±0.1 G ±0.1  
 1.2 ±0.1  
 2.6 ±0.1  
 2.4 ±0.1  
 +0.1  
 -0.1  
 ∅1.1 HOLE

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

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

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

1470-19 (3/11)

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