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AUG. 2001

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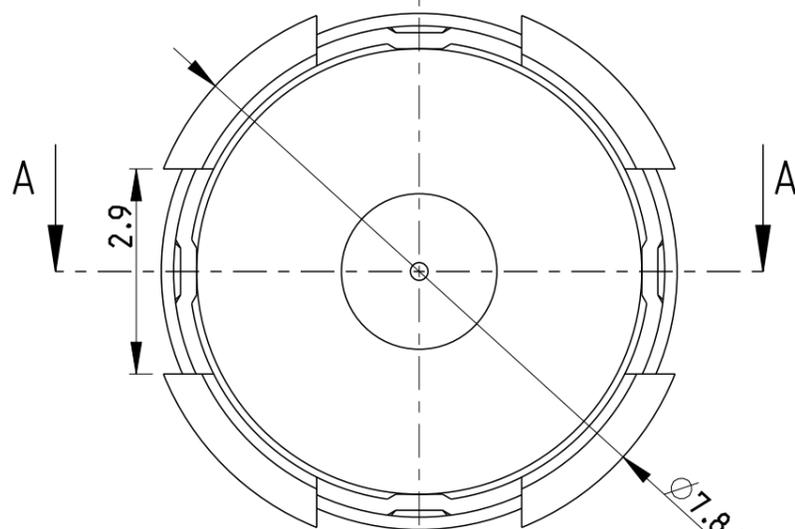
Tyco Electronics AMP GmbH

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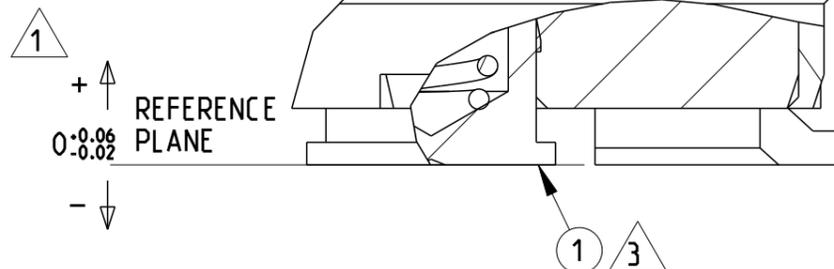
LOC GW DIST 00

REVISIONS

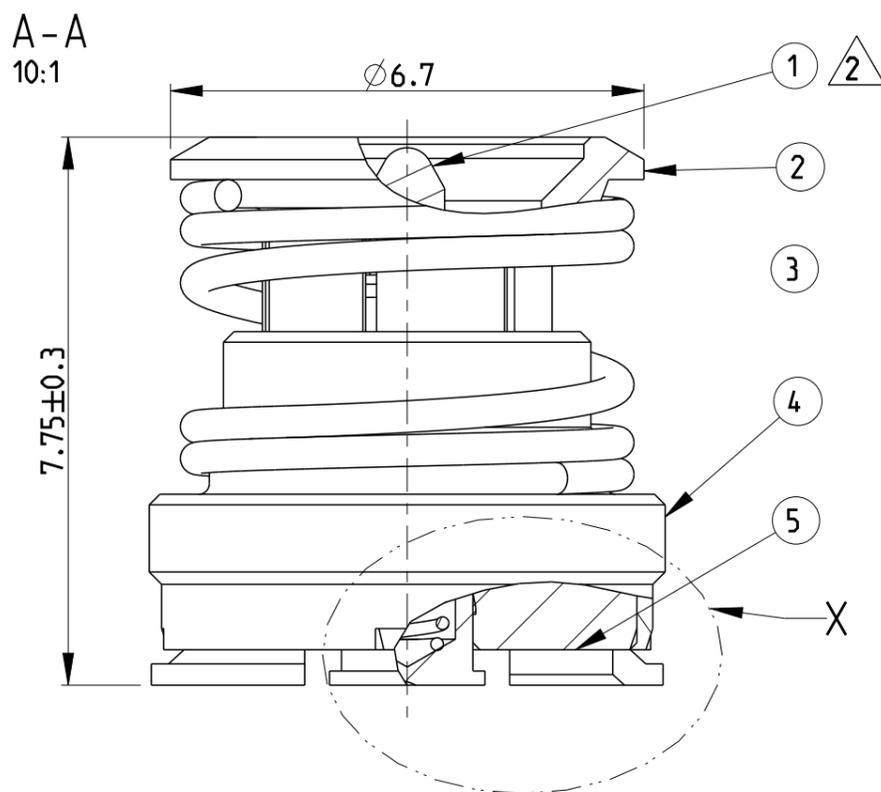
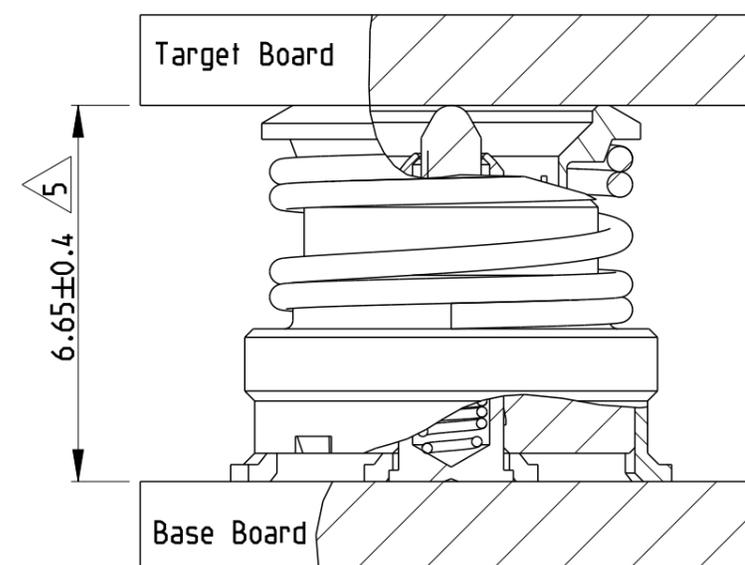
P	LTR	DESCRIPTION	DATE	DWN	APVD
A2		EC SR10 - 0112 - 04	22DEC2004	RLU	DB
A3		Revised per ECO-11-005150	03MAY2011	RK	HMR
A4		Modified packaging note	31MAY2011	AM	MG



X
16:1



MATED BETWEEN BOARDS



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DWN R. Luppi 03JAN05

CHK D. Bozzer 04JAN05

APVD -

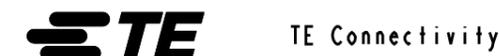
PRODUCT SPEC

108-71060

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING



NAME BOARD-TO-BOARD CONNECTOR
6.65 MM HEIGHT

SIZE A3 CAGE CODE 00779 DRAWING NO C-619135 RESTRICTED TO -

SCALE 8:1 SHEET 1 OF 3 REV A4

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm	0 PLC	±0.2
	1 PLC	±0.2
	2 PLC	±0.1
	3 PLC	±
	4 PLC	±
	ANGLES	±2°
MATERIAL -	FINISH	-

LOC DIST
GW 00

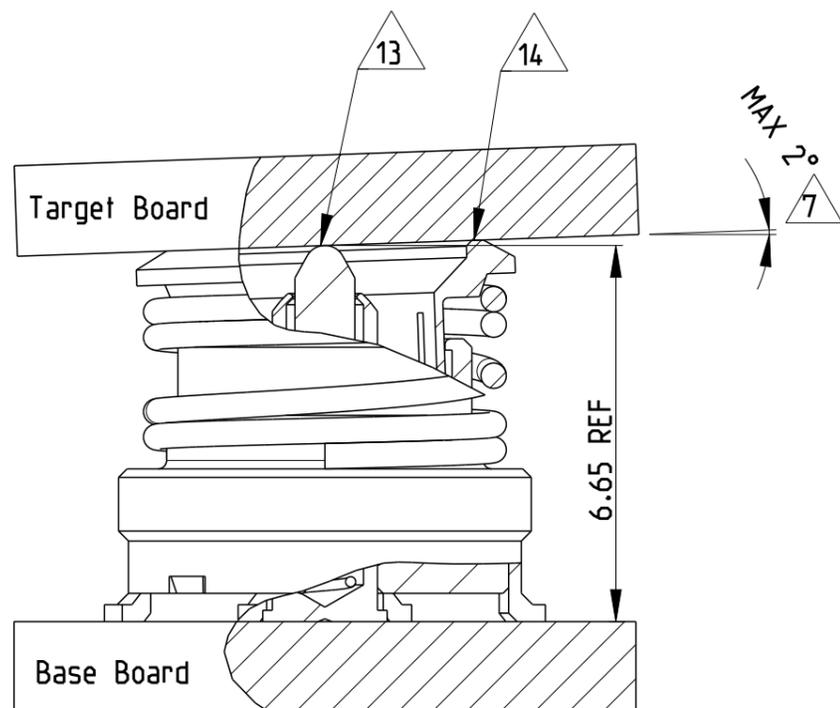
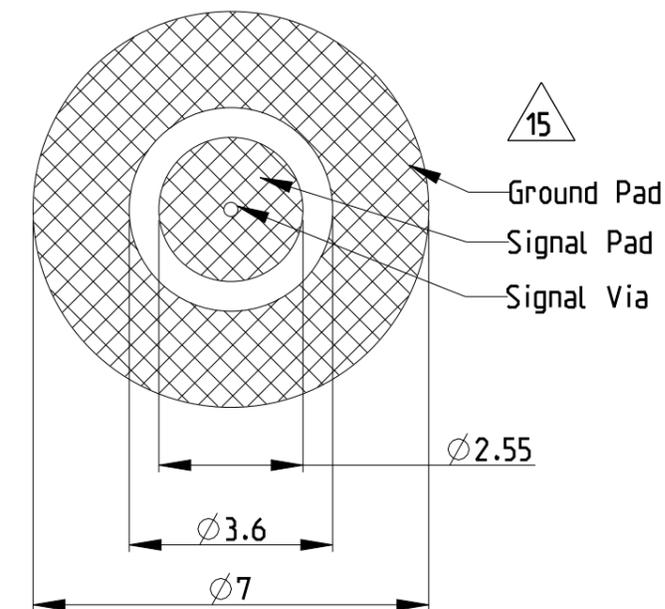
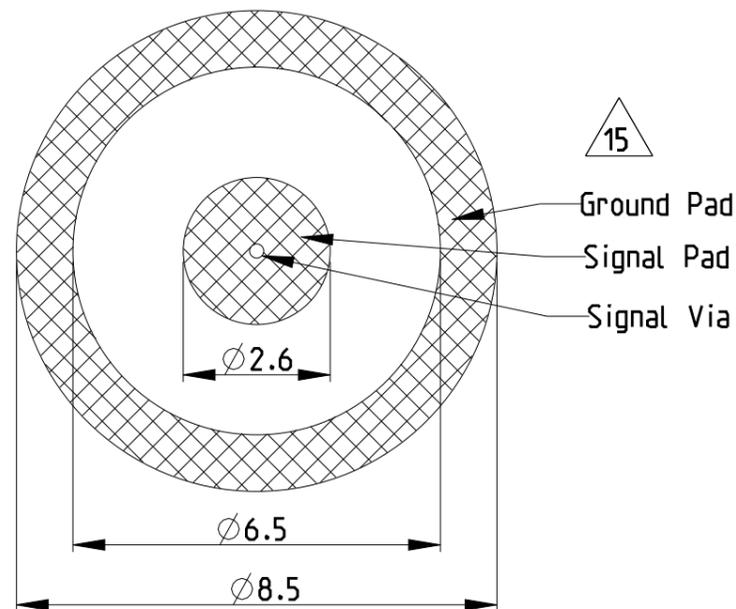
REVISIONS

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

- 1 POSITION OF CENTER CONTACT
- 2 PLATING 0.15 μm Au OVER NiP
- 3 PLATING MIN 0.3 μm Au OVER NiP.
- 4 BULK QTY CONNECTORS PACKED IN PLASTIC BAG
- 5 DISTANCE BETWEEN PRINTED CIRCUIT BOARDS
- 6 MISALIGNMENT BETWEEN CONNECTOR AXIS AND TARGET LAYOUT ON TARGET BOARD: MAX 0.8 mm
- 7 ANGLE BETWEEN PRINTED CIRCUIT BOARDS

8 RECOMMENDED LAYOUT ON BASE BOARD

9 RECOMMENDED TARGET LAYOUT ON TARGET BOARD



1	1	5	DIELECTRIC	PCT / PEEK	
1	1	4	OUTER SHELL	CuZn	2
1	1	3	SPRING	STAINLESS STEEL	
1	1	2	CONTACT RING	CuSn	2
1	1	1	CENTER CONTACT ASSEMBLY	CuZn, STAINLESS STEEL	2 3
5--1	-1	ITEM	DESCRIPTION	MATERIAL	PLATING
10	4	ORDER N°	ORDER N°		

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
0 PLC	±0.2
1 PLC	±0.2
2 PLC	±0.1
3 PLC	±
4 PLC	±
ANGLES	±2°
MATERIAL	FINISH

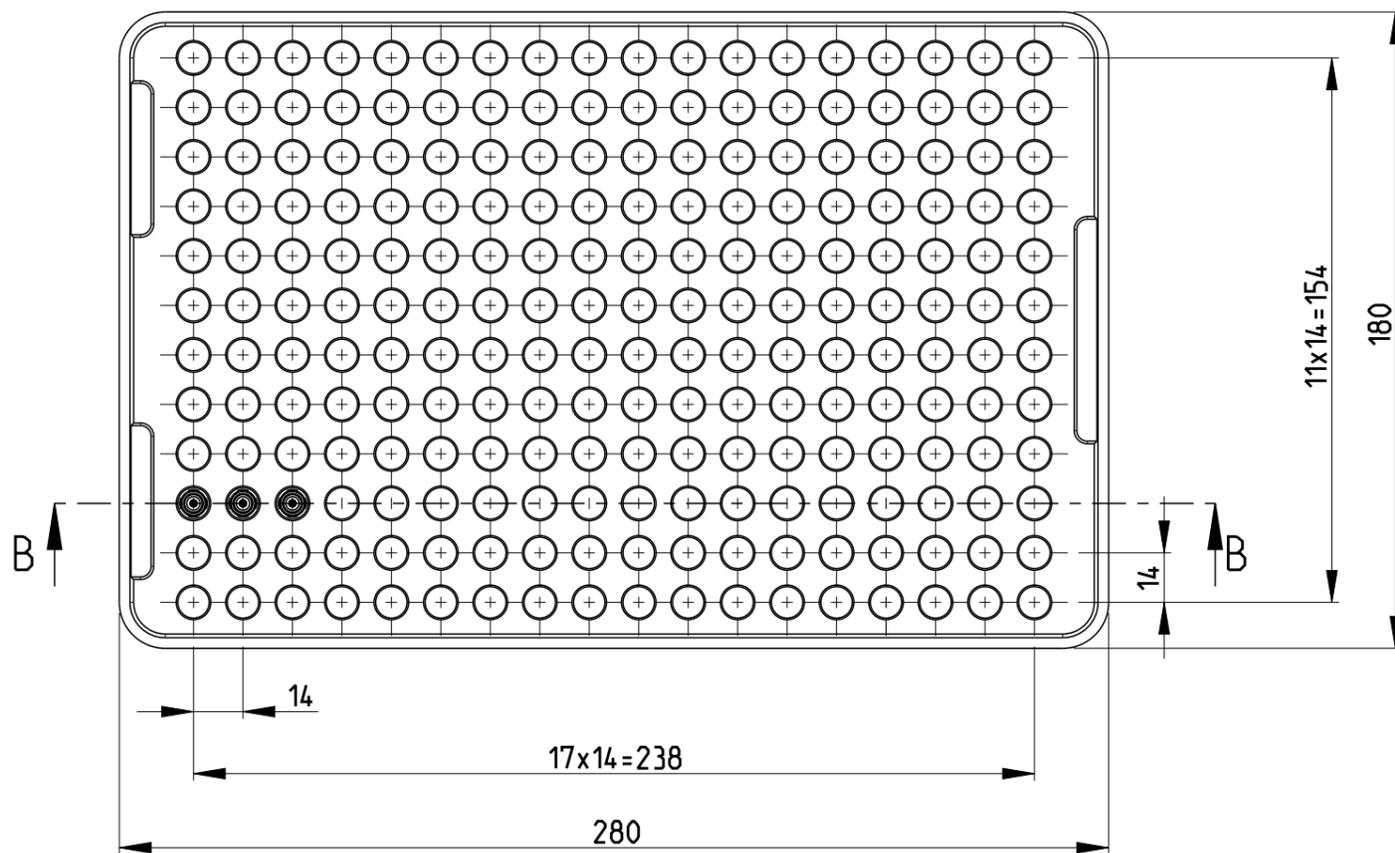
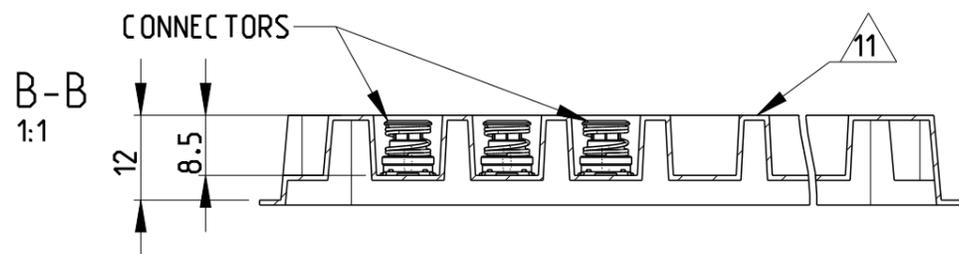
DWN R. Luppi 03JAN05
 CHK D. Bozzer 04JAN05
 APVD -
 PRODUCT SPEC 108-71060
 APPLICATION SPEC -
 WEIGHT -



NAME BOARD-TO-BOARD CONNECTOR
 6.65 MM HEIGHT
 SIZE A3 CAGE CODE 00779 DRAWING NO C-619135 RESTRICTED TO -

CUSTOMER DRAWING SCALE 8:1 SHEET 2 OF 3 REV A4

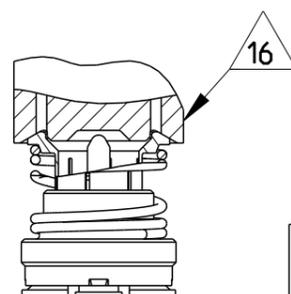
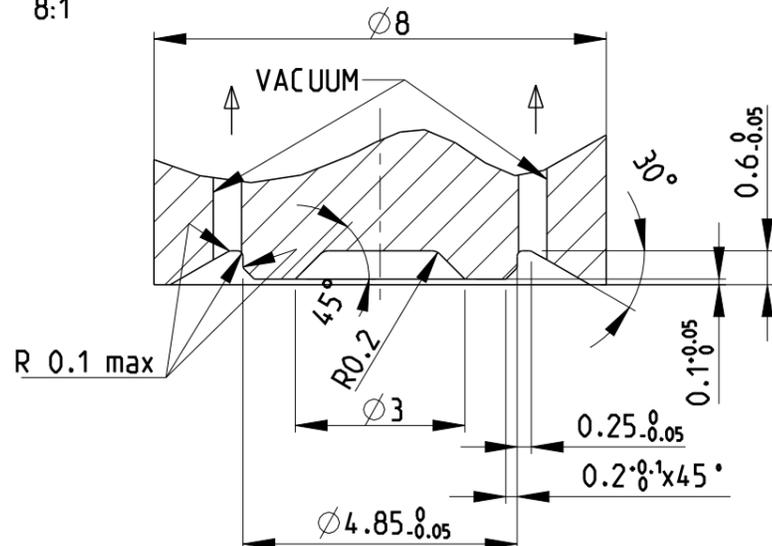
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
GW	00	-	SEE SHEET 1	-	-	



- 10 PACKAGING:
-216 CONNECTORS PER TRAY
-10 TRAYS PER SHIPPING BOX
-SHIPPING BOX DIMENSIONS (LxBxH): 287x187x200
- 11 ANTISTATIC MATERIAL
- 12 - ALTERNATIVE PACKAGING IN TAPE AND REEL
- 13 CONTACT FORCE FOR CENTER CONDUCTOR:
F MAX. = 2.8 N (Total length compressed at 6.25 mm)
- 14 CONTACT FORCE FOR CONTACT RING:
F MAX. = 5.3 N (Total length compressed at 6.25 mm)
- 15 RECOMENDED PCB CHARACTERISTICS :
- PLATING Au , SURFACE ROUGHNESS Rz4 MAX.
- PCB MATERIAL FR4
- PCB THICKNESS MIN. 0.8 mm
- 16 RECOMENDED NOZZLE DESIGN

NOZZLE DETAIL 8:1

NOZZLE DETAIL 3:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. Luppi 03JAN05	TE Connectivity	
		CHK D. Bozzer 04JAN05		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME BOARD-TO-BOARD CONNECTOR 6.65 MM HEIGHT
		0 PLC ±0.2 1 PLC ±0.2 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ±2° FINISH -		
MATERIAL -		PRODUCT SPEC 108-71060		SIZE A3
		APPLICATION SPEC -		CAGE CODE 00779
		WEIGHT -		DRAWING NO C-619135
		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE 8:1		SHEET 3 OF 3
				REV A4