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AUG. 2001

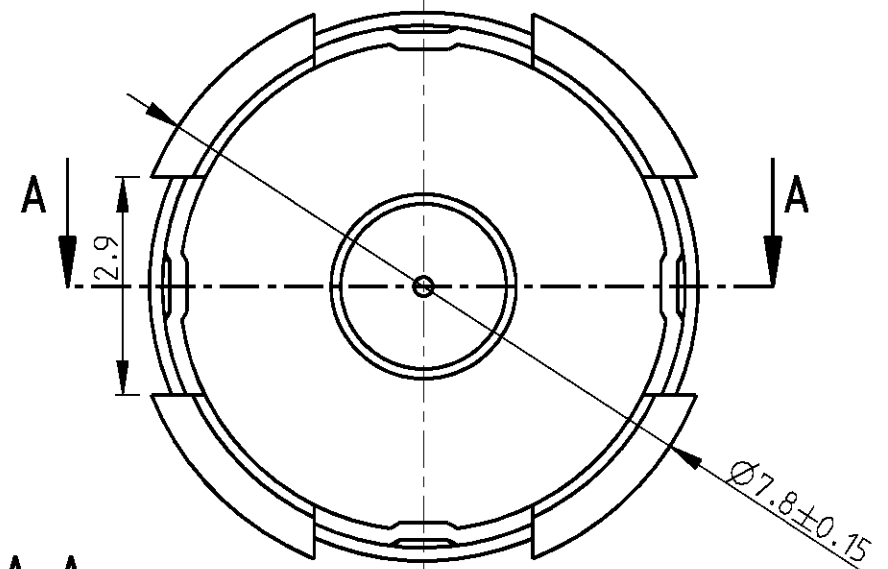
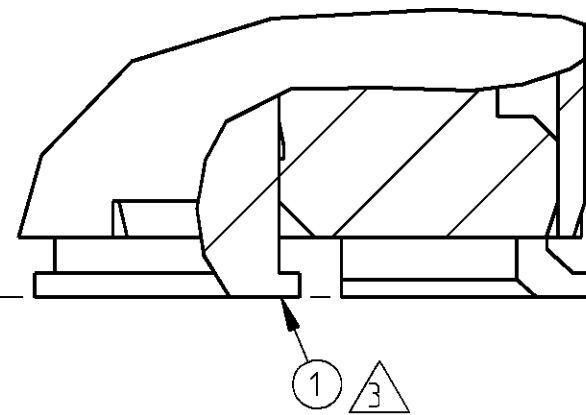
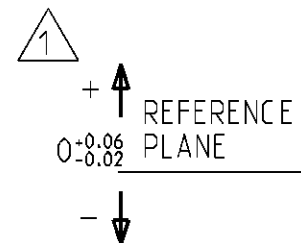
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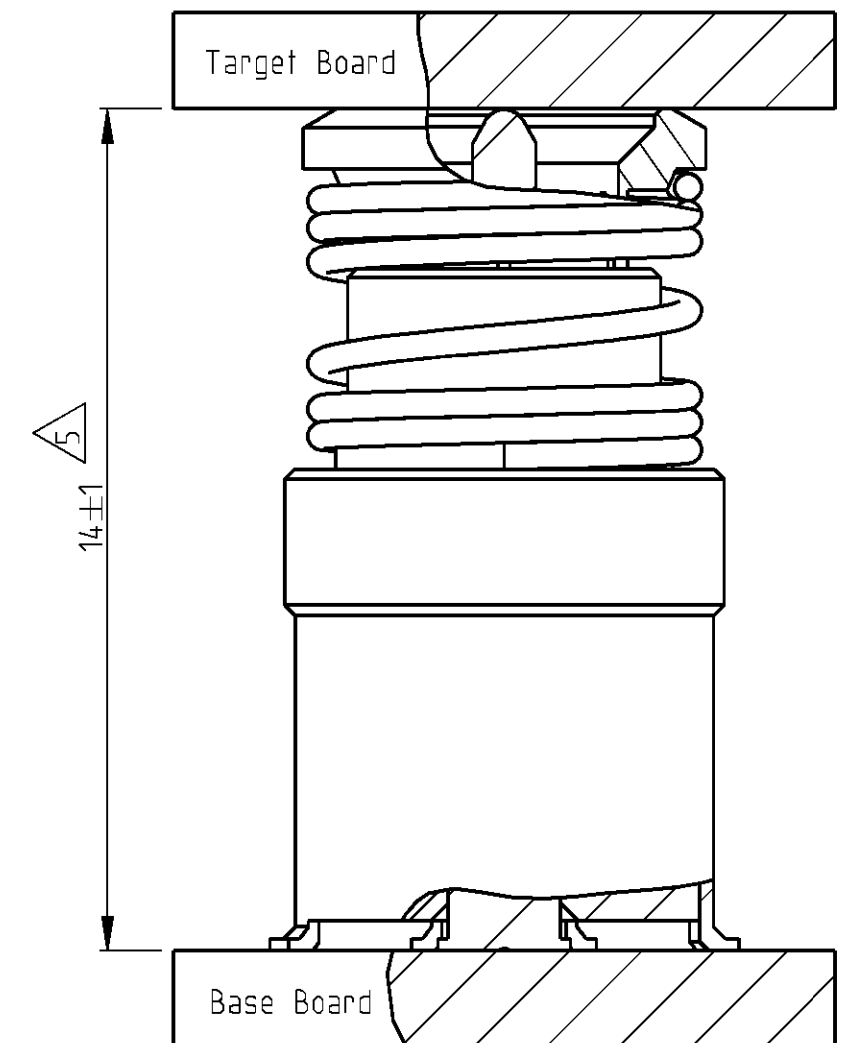
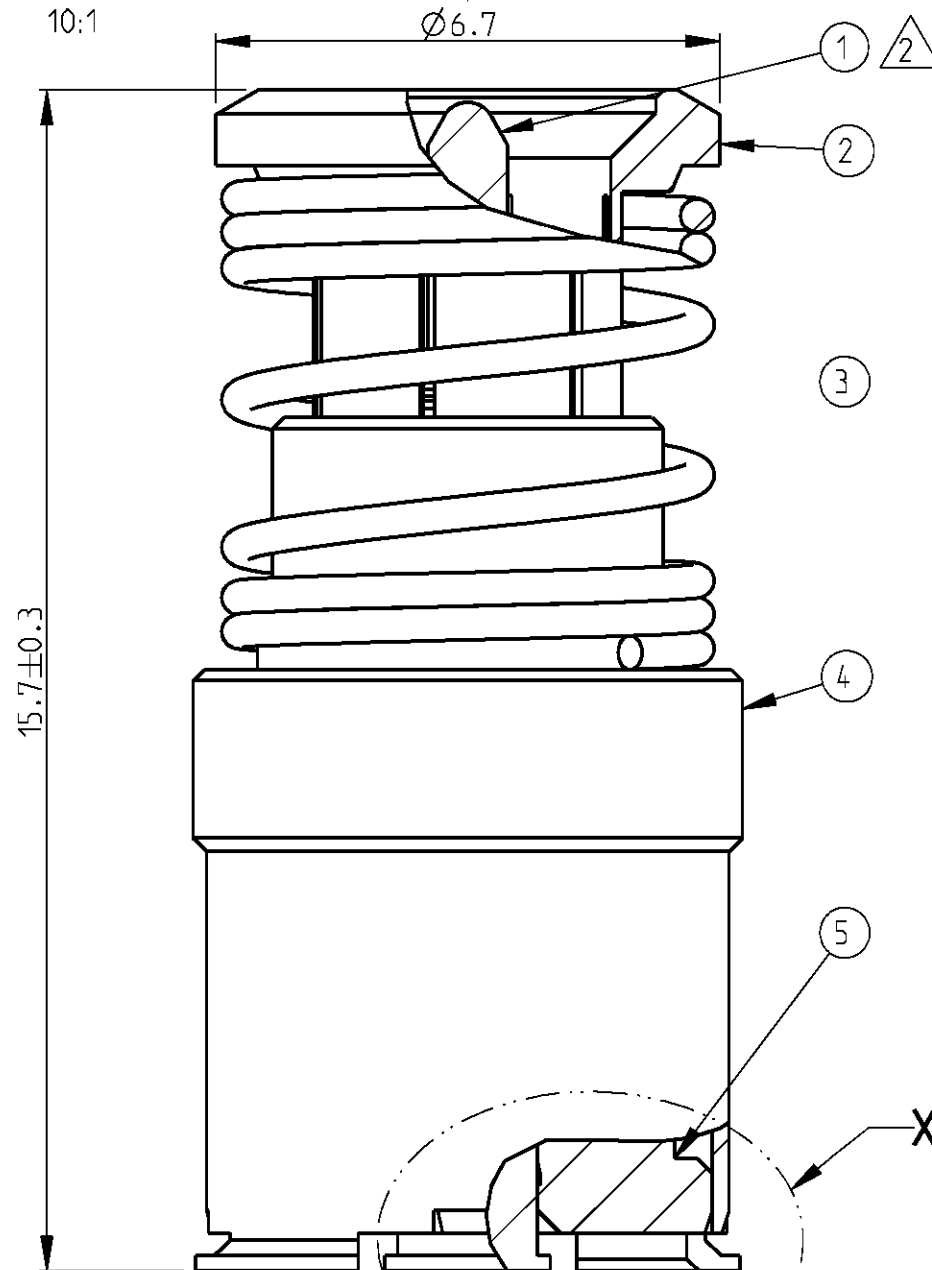
LOC
GWDIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	EC SR10 - 0112 - 04	22DEC2004	RLU	DB

X
16:1

MATED BETWEEN BOARDS

A-A
10:1THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION
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SHOULD BE CONTACTED FOR THE LATEST REVISION.

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	S. Kempter	22JUL02
CHK	B. Rithener	22JUL02
APVD	-	-
PRODUCT SPEC	108-71060	-
APPLICATION SPEC	-	-
WEIGHT	-	-
CUSTOMER DRAWING	SCALE	8:1

Tyco Electronics		Oostkamp - Belgium	
NAME			
BOARD-TO-BOARD CONNECTOR			
14 MM HEIGHT			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-619127	-
SHEET		1	OF 3
REV		A2	

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P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	see sheet 1	-	-	-

1 POSITION OF CENTER CONTACT

2 PLATING 0.15 μm Au OVER NiP3 PLATING 0.3 μm Au OVER NiP,

4 1 CONNECTOR PACKED IN PLASTIC BAG

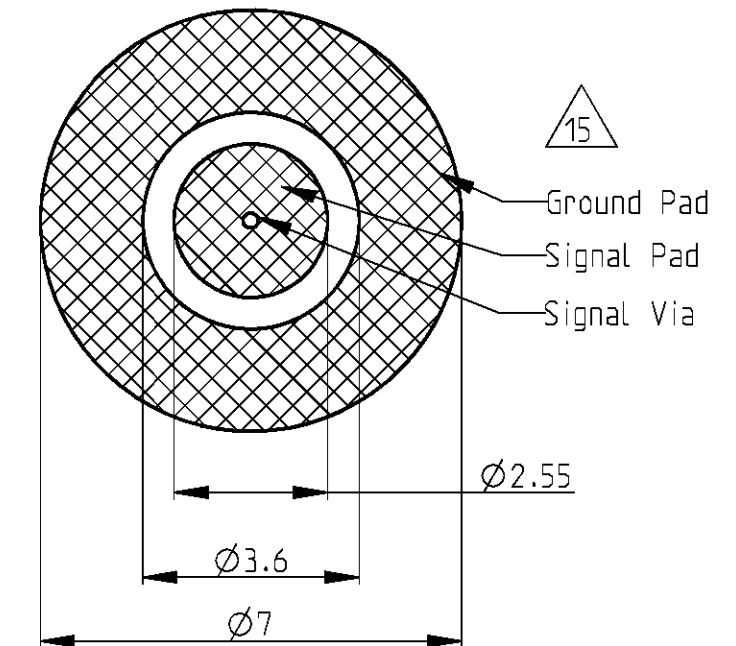
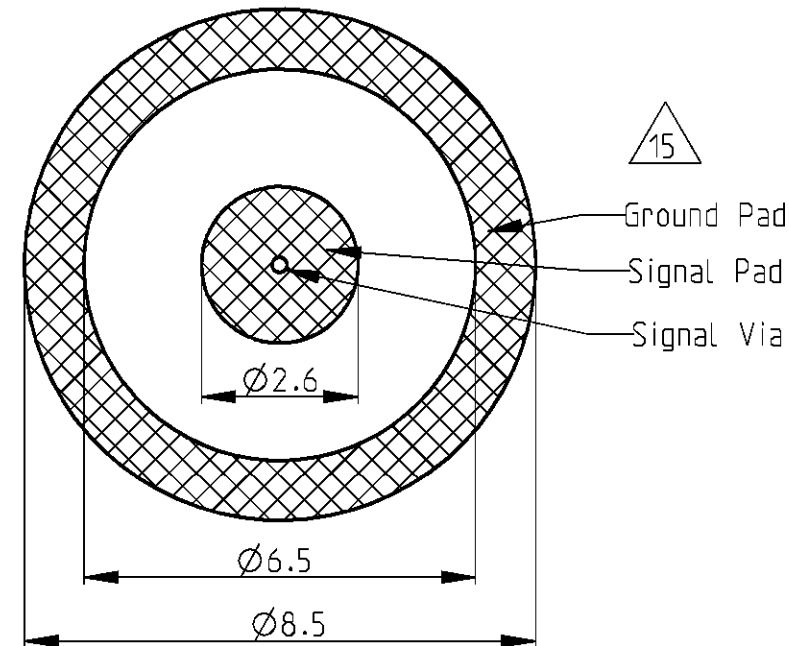
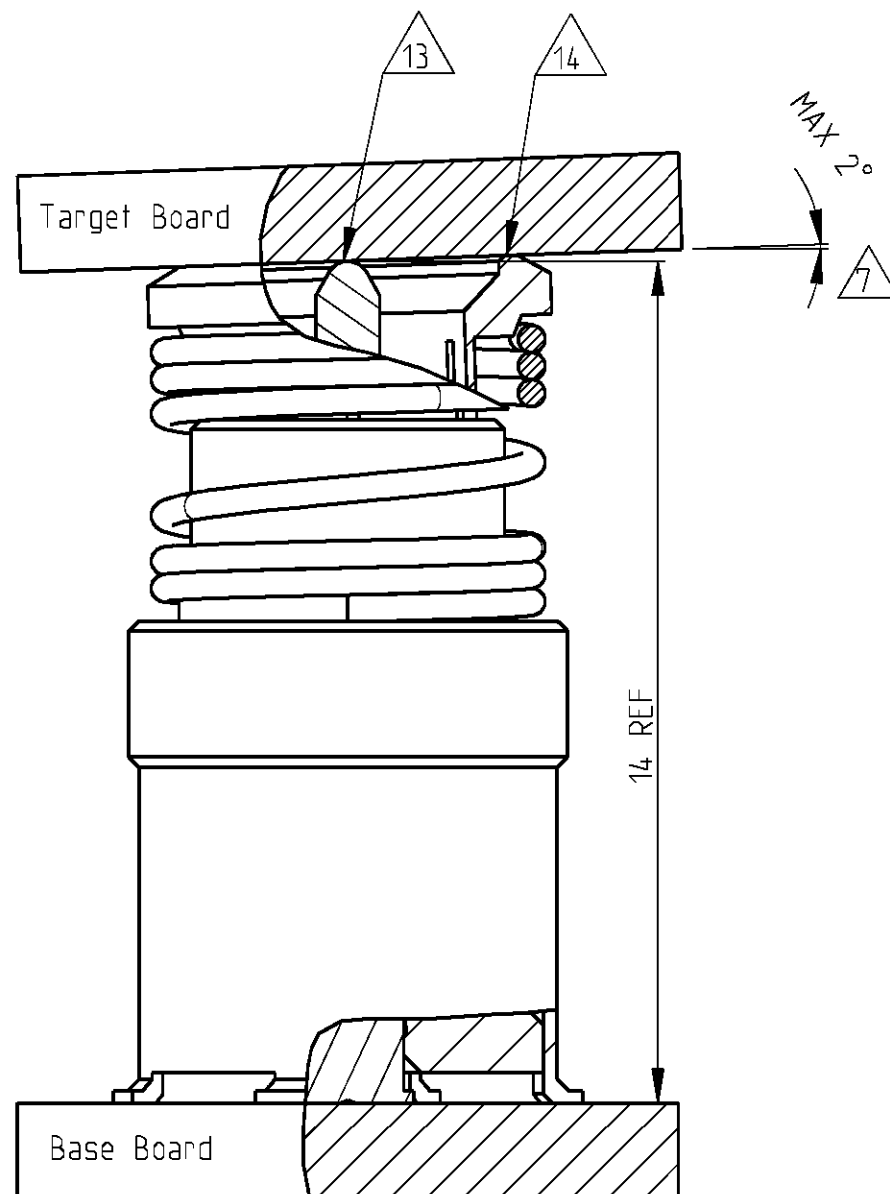
5 DISTANCE BETWEEN PRINTED CIRCUIT BOARDS

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 ORDER N°	4 ORDER N°				

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DIMENSIONS: mm		CHK B. Rithener 22JUL02			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME BOARD-TO-BOARD CONNECTOR 14 MM HEIGHT		
0 PLC ± 0.05 1 PLC ± 0.05 2 PLC ± 0.05 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm 2^\circ$		PRODUCT SPEC 108-71060	SIZE A3		
MATERIAL -		APPLICATION SPEC -	CAGE CODE 00779		
FINISH -		WEIGHT -	DRAWING NO C-619127		
		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 8:1		
			SHEET 2 OF 3		
			REV A2		

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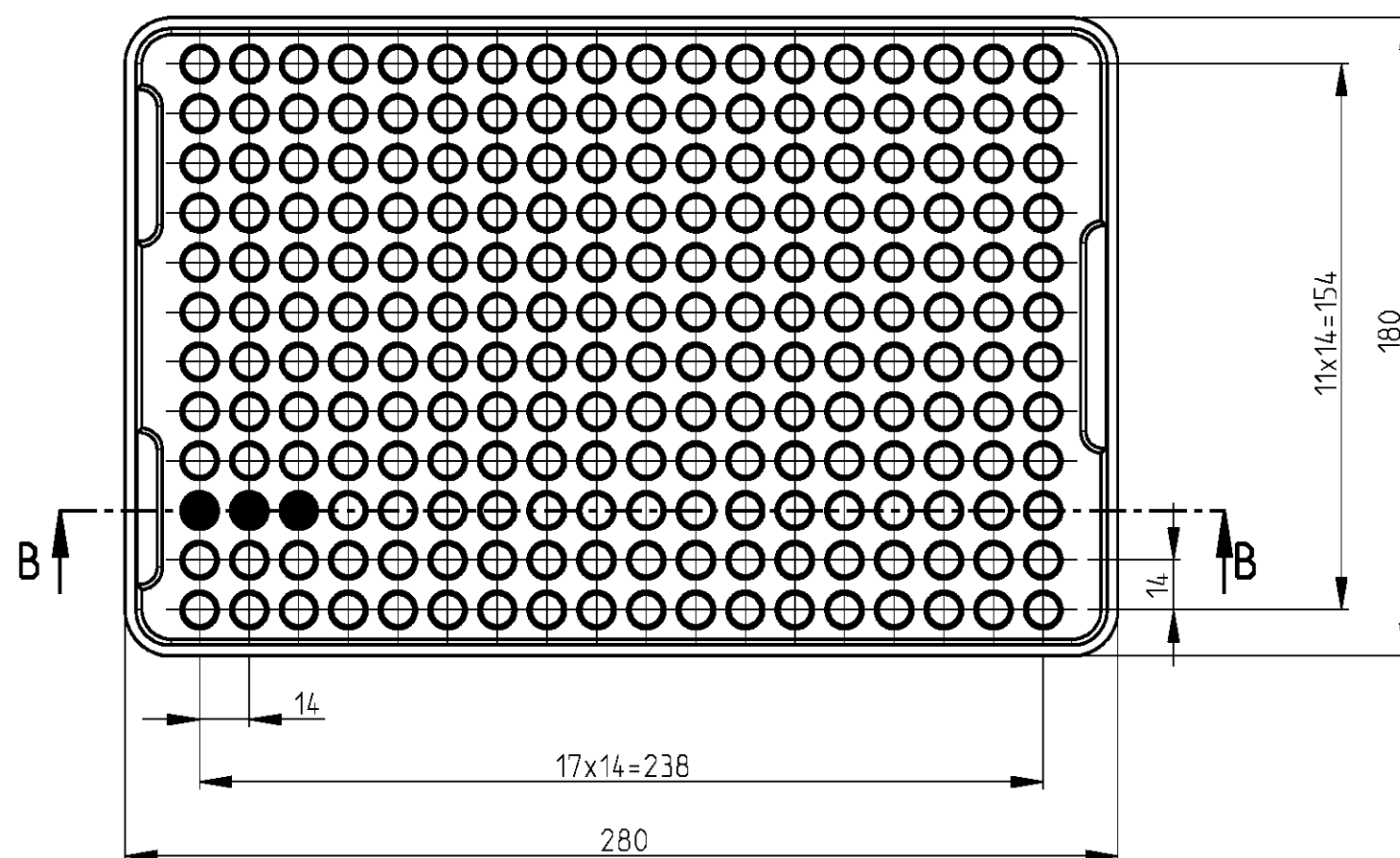
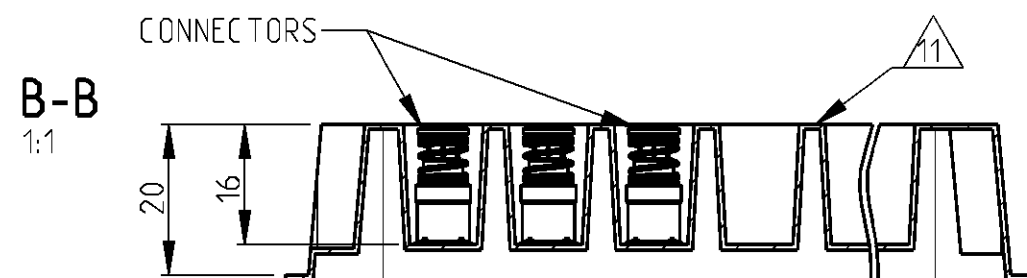
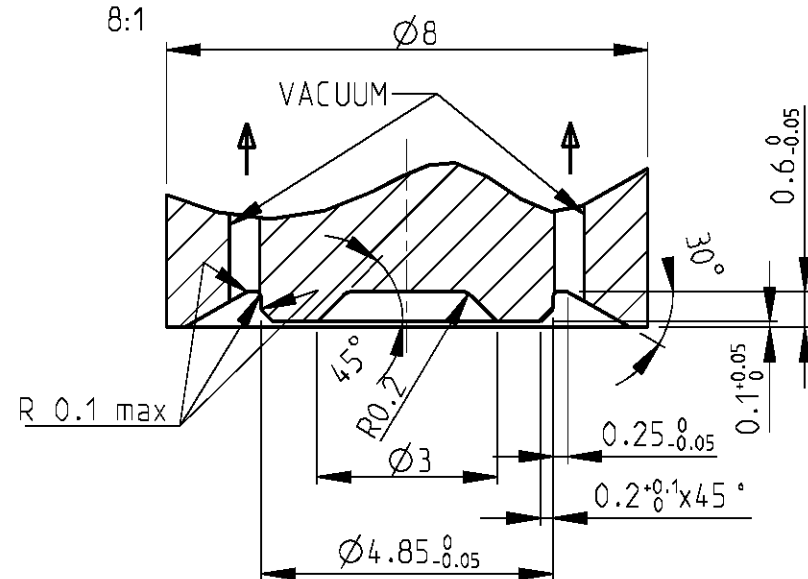
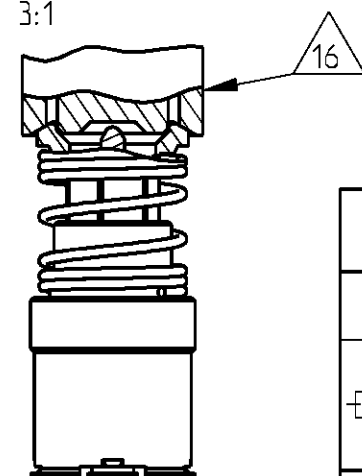
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	see sheet 1	-	-	-

NOZZLE DETAIL
8:1NOZZLE DETAIL
3:1

- 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 13 mm)

- 14 CONTACT FORCE FOR CONTACT RING:
 F MAX. = 5.3 N (Total length compressed at 13 mm)

- 15 RECOMMENDED PCB CHARACTERISTICS :
 - PLATING Au, SURFACE ROUGHNESS Rz4 MAX.
 - PCB MATERIAL FR4
 - PCB THICKNESS MIN. 0.8 mm

- 16 RECOMMENDED NOZZLE DESIGN

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MATERIAL		FINISH	

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CHK	B. Rithener	22JUL02
APVD	-	-
PRODUCT SPEC		
108-71060		
APPLICATION SPEC		
-		
WEIGHT	-	
CUSTOMER DRAWING		

tyco
ElectronicsTyco Electronics
Oostkamp - Belgium

NAME			
BOARD-TO-BOARD CONNECTOR 14 MM HEIGHT			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-619127	-
SCALE		SHEET 3 OF 3	REV A2