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AUG. 2001

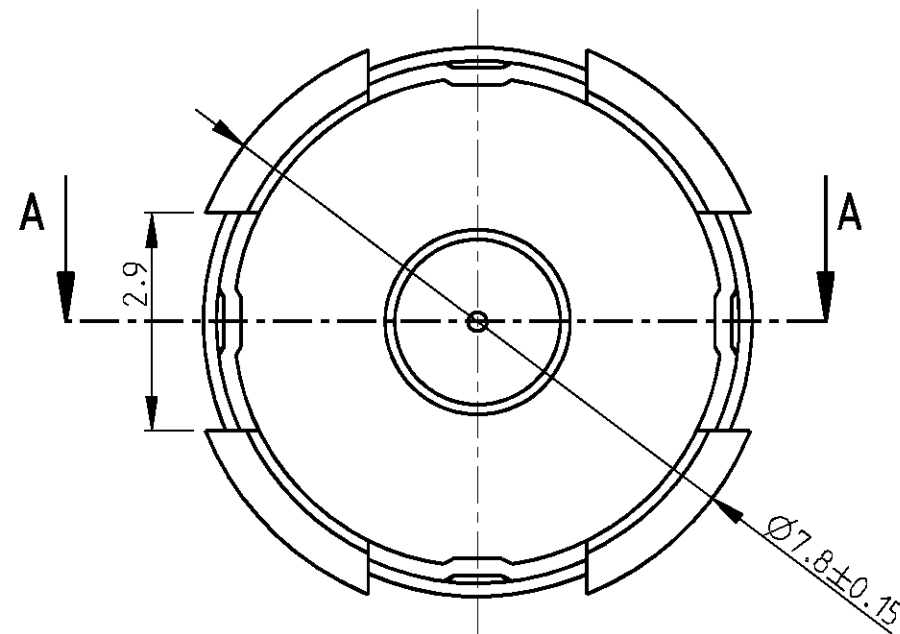
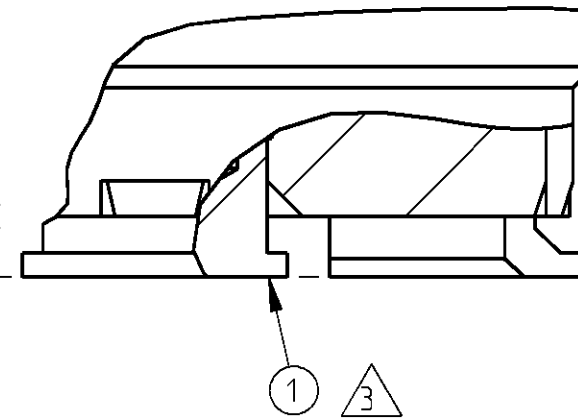
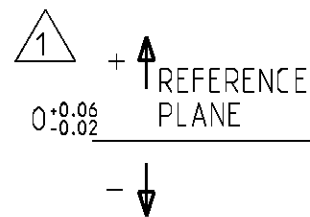
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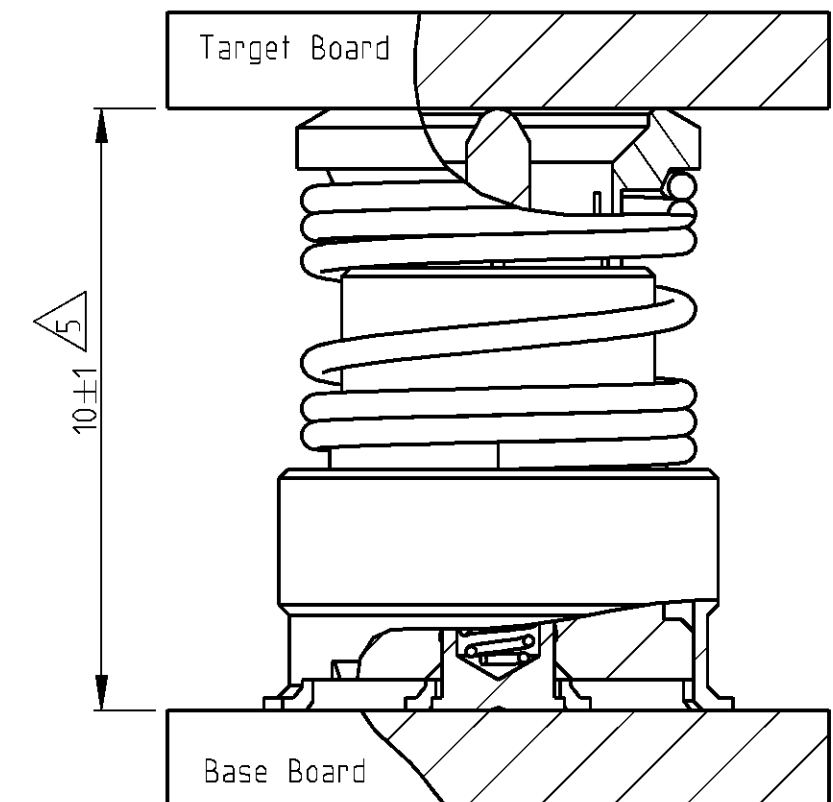
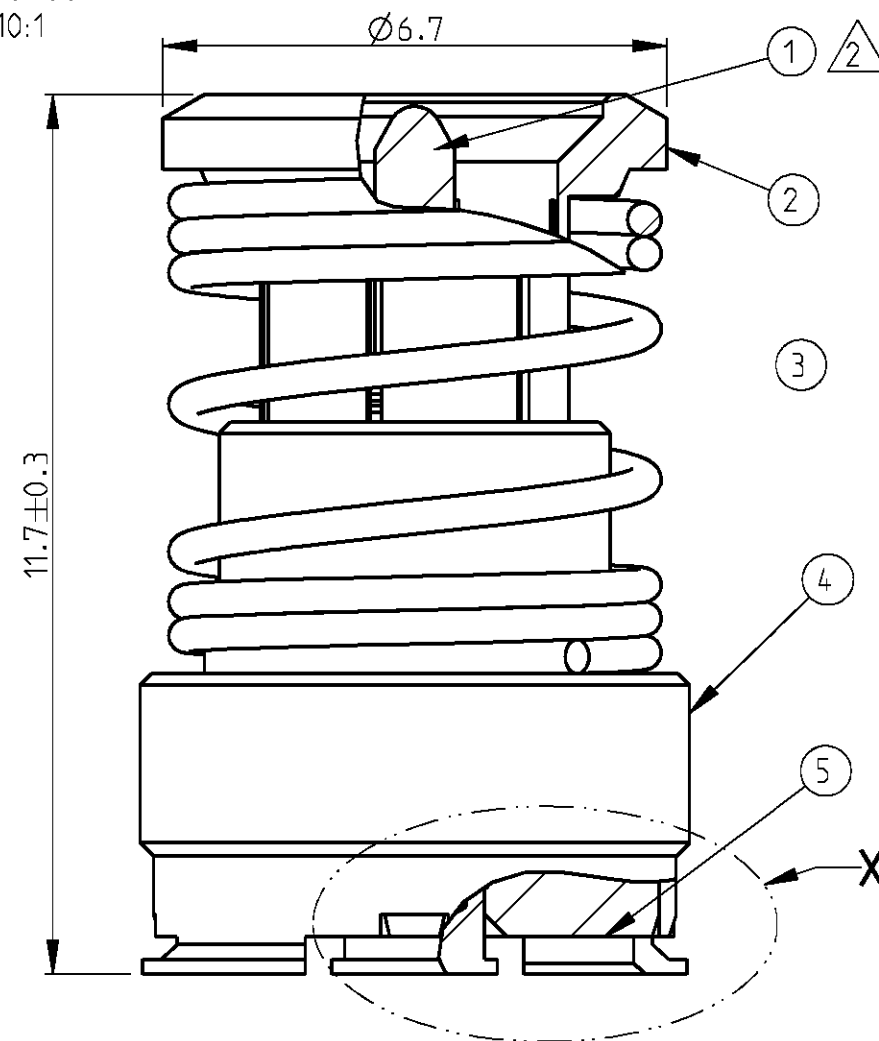
LOC
GWDIST
00

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

tyco Electronics		Tyco Electronics Oostkamp - Belgium	
NAME BOARD-TO-BOARD CONNECTOR 10 MM HEIGHT			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-619134	-
SCALE 8:1		SHEET 1 OF 3	REV A2

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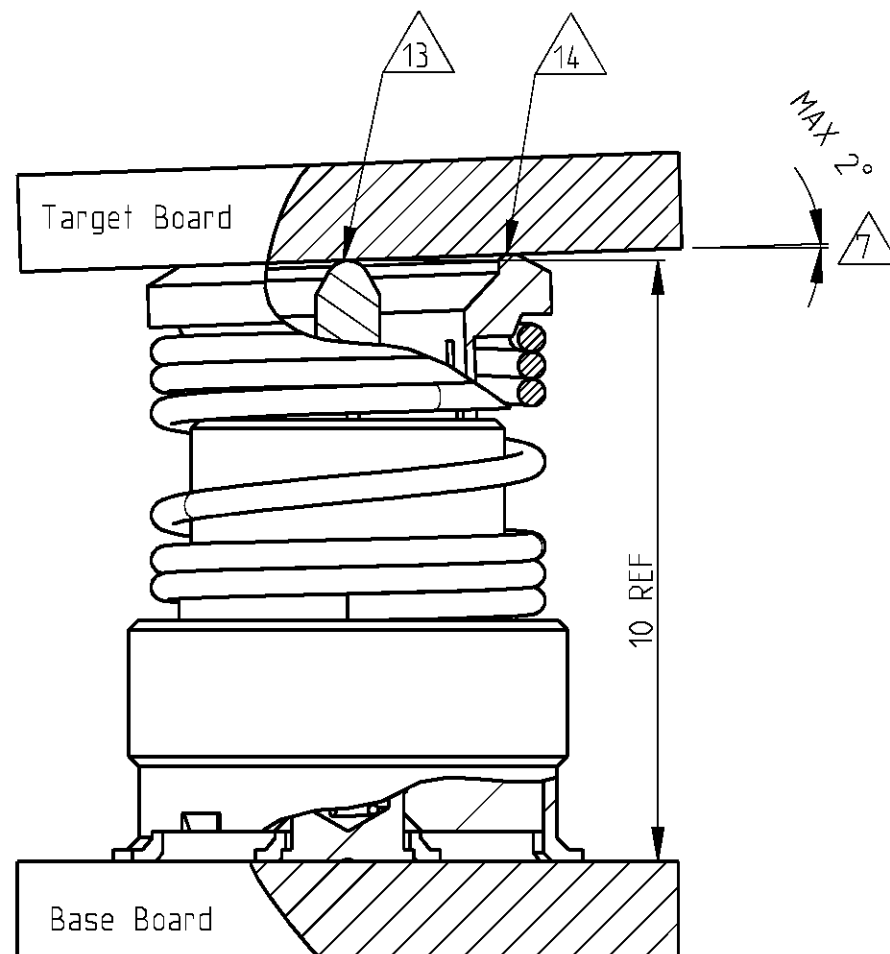
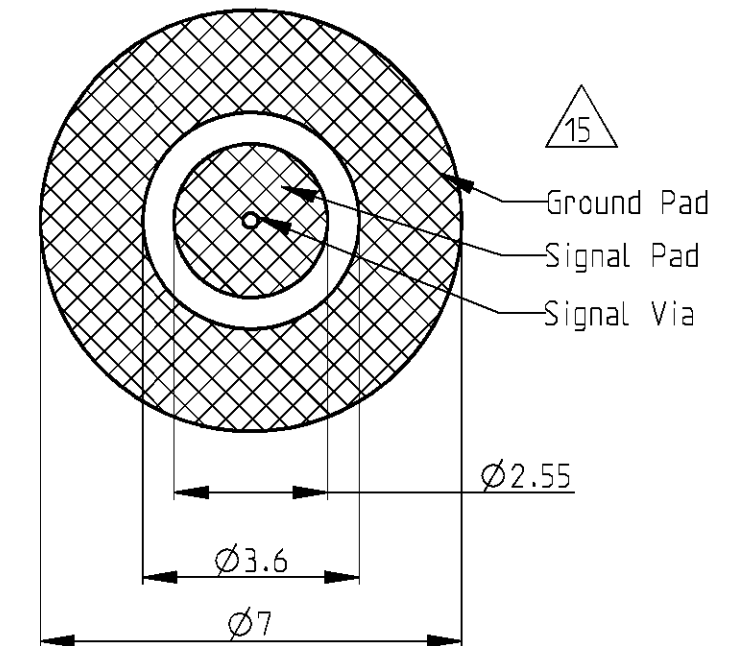
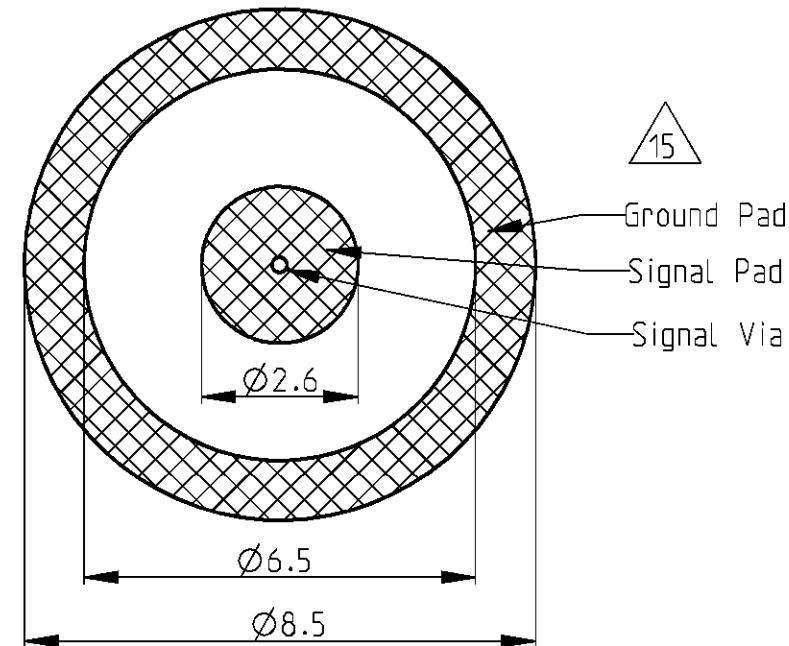
REVISIONS

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

- 1 POSITION OF CENTER CONTACT
2 PLATING 0.15 μ m Au OVER NiP
3 PLATING 0.3 μ m 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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3 PLC	±
4 PLC	±
ANGLES	±2°
MATERIAL	FINISH

DWN	R. Luppi	03JAN05
CHK	D. Bozzer	04JAN05
APVD	-	-
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APPLICATION SPEC	-	
WEIGHT	-	
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SCALE 8:1		SHEET 2 OF 3	REV A2

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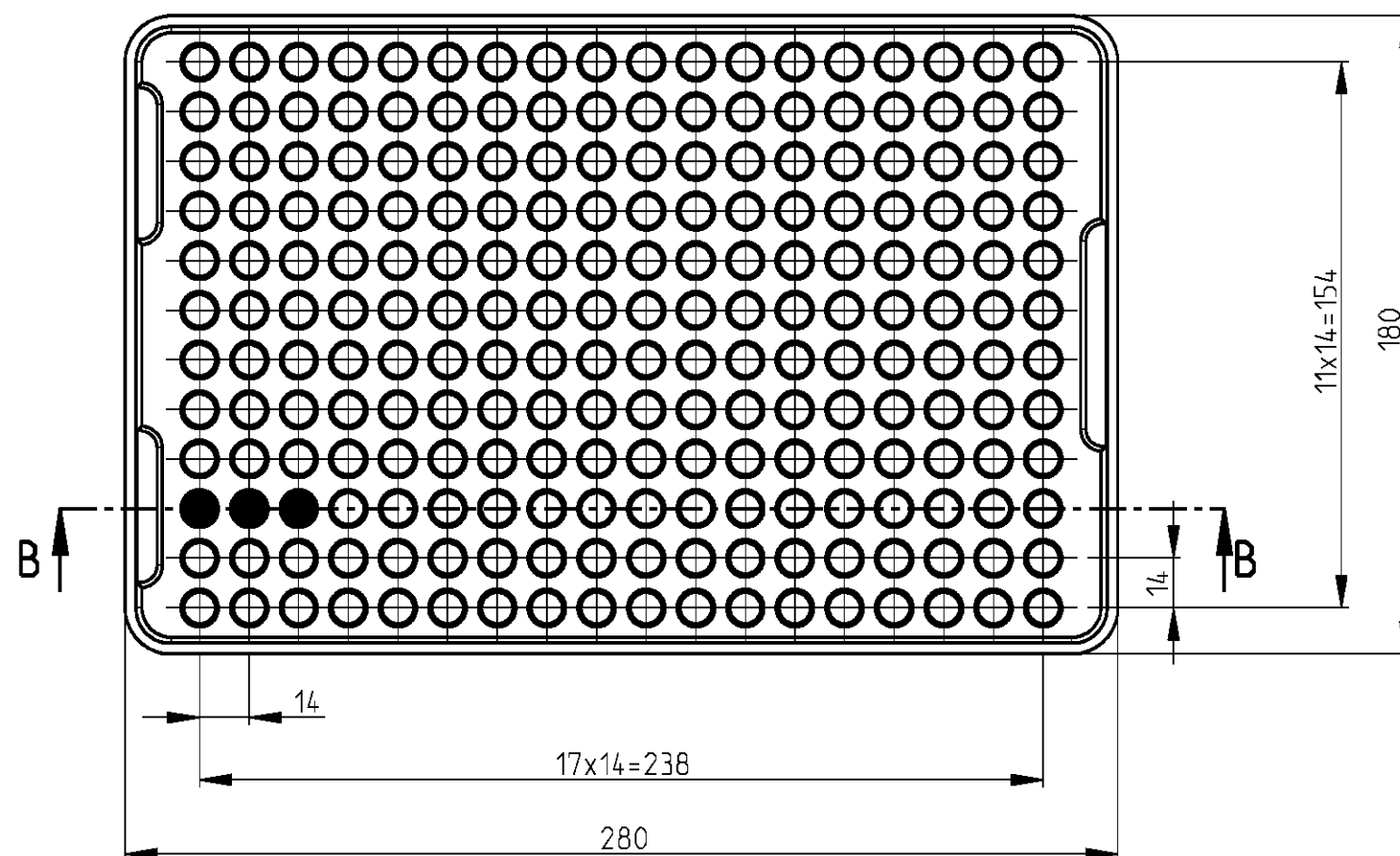
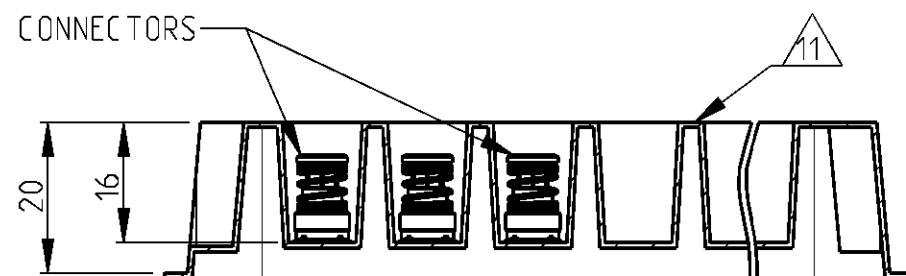
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REVISIONS

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

B-B
1:1

- 10 PACKAGING:
 -216 CONNECTORS PER TRAY
 -10 TRAYS PER SHIPPING BOX
 -SHIPPING BOX DIMENSIONS (LxBxH): 287x187x200

- 11 ANTISTATIC MATERIAL

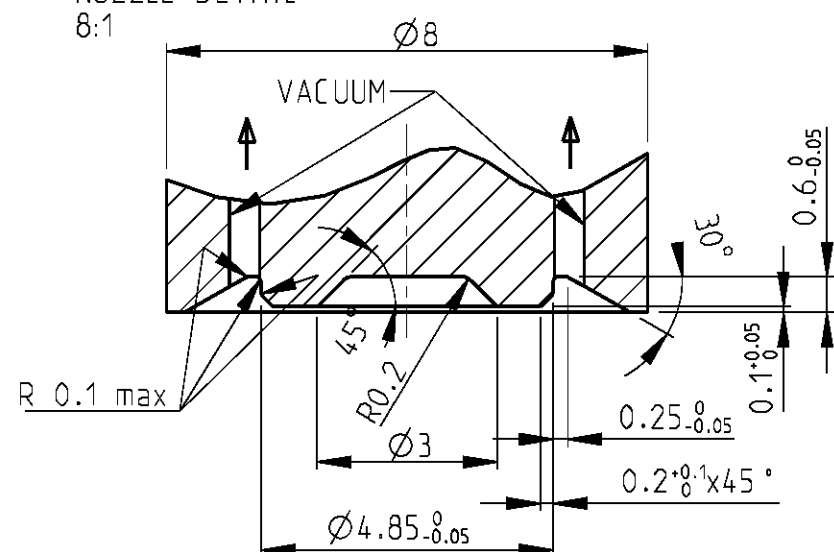
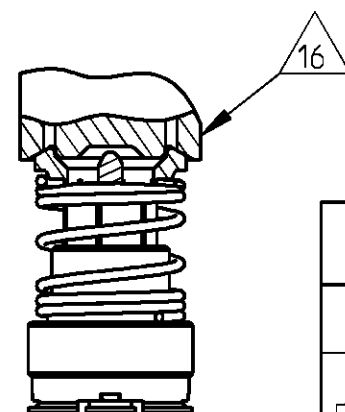
- 12 - ALTERNATIVE PACKAGING IN TAPE AND REEL

- 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

NOZZLE DETAIL
8:1NOZZLE DETAIL
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ANGLES		±2°	
MATERIAL		FINISH	

DWN R. Luppi 03JAN05

CHK D. Bozzer 04JAN05

APVD -

PRODUCT SPEC

108-71060

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

tyco
ElectronicsTyco Electronics
Oostkamp - BelgiumNAME
BOARD-TO-BOARD CONNECTOR
10 MM HEIGHT

SIZE A3 CAGE CODE 00779 DRAWING NO C-619134 RESTRICTED TO -

SCALE - SHEET 3 OF 3 REV A2