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NOTICE

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NOTES: UNLESS OTHERWISE SPECIFIED

- EWCAP-004 IS A GUIDELINE FOR ANTI-TRACKING GEOMETRY (CREEPAGE) ONLY. DEPENDING ON APPLICATION AND REQUIREMENTS, CHANGES MAY BE REQUIRED.
  - DIMENSIONS ESTABLISHED TO BE COMPLIANT TO UL 840, TABLE 9.1, ≤300 VOLTS PEAK TO PEAK. CREEPAGE DISTANCE MUST BE RE-CALCULATED FOR VOLTAGE LEVELS >300 VOLTS PEAK TO PEAK.
  - 5.0mm TOTAL PATH DISTANCE AT WORST CASE IS REQUIRED TO BE COMPLIANT. SUPPLIER MUST WORK WITH THEIR CUSTOMER TO ACHIEVE THE 5.0mm MINIMUM VALUE.
  - DIMENSIONS SHOWN ON EWCAP-004 ARE NOMINAL. TOLERANCES ARE NOT SHOWN INTENTIONALLY SINCE CAPABILITY WILL VARY WITH PROCESS TYPE.
  - DIMENSION OF GROOVE MUST BE COMPLIANT TO UL 840 SECTION 10.2.
  - THE MINIMUM PITCH IS SHOWN. FOR LARGER PITCHES, THE FLAT DIMENSIONS IN THE BOTTOM OF THE CONNECTOR PERPENDICULAR TO THE BLADES CAN BE INCREASED AS NEEDED.
- THE OPEN AIR CLEARANCE REQUIREMENTS MUST BE CALCULATED BY THE RESPOSIBLE PARTY(S) AND SPECIAL ATTENTION MUST BE GIVEN TO ENSURE FUNCTIONALITY OF THE SYSTEM.
- ALL ANGLES SHALL REMAIN THE SAME.
  - REFERENCE DOCUMENT:  
UL 840 THRID EDITION, 2005
  - REFERENCE INFORMATION:  
POLLUTION DEGREE: 3  
MATERIAL GROUP: IIIA / IIIB  
OVERVOLTAGE CATERGORY: II  
RATED IMPULSE WITHSTAND VOLTAGE PEAK: 2,500 V  
ALTITUDE: 2,000 m

POLARIZATION VIEWS

EWCAP PART NUMBER	INDEX	COLOR

-	A	NEW	07-20-2012	WB	SV
CHANGE NUMBER	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES (UNLESS OTHERWISE SPECIFIED)			THIRD ANGLE PROJECTION		
DIMENSIONS ARE IN MILLIMETERS					



SCALE	DRAWN BY	CHECKED BY	DATE
2/1	W. BIENIEK	S. VOGT	07-20-2012
TITLE ANTI-TRACKING GEOMETRY - 064, 120, 150, AND 280			
SHEET	DRAWING NUMBER	SIZE	REVISION LEVEL
1 OF 3	EWCAP-004	C	A
DO NOT SCALE COMPUTER AIDED DRAWING			

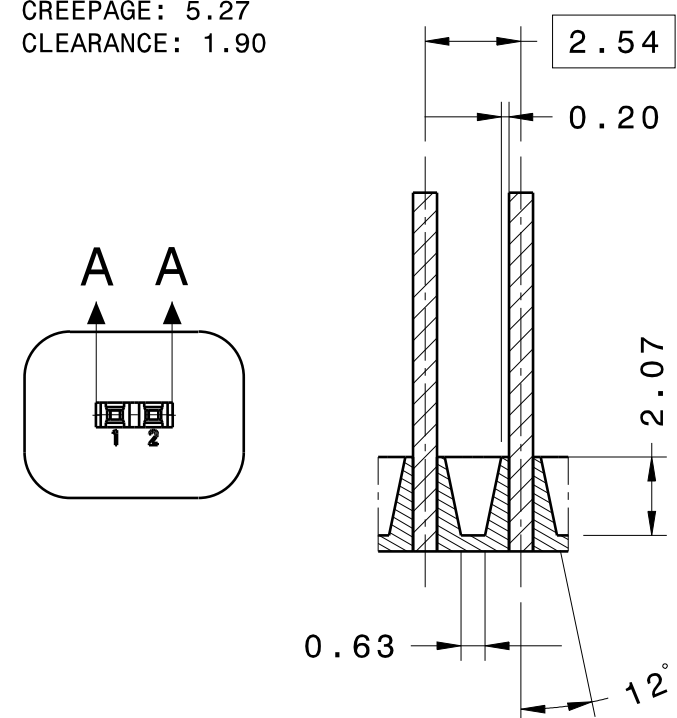


VERSION A:  
DEVICE

VERSION B:  
INLINE CONNECTOR / FRONT TPA / DEVICE

MIN. PITCH 2.54mm

CREEPAGE: 5.27  
CLEARANCE: 1.90

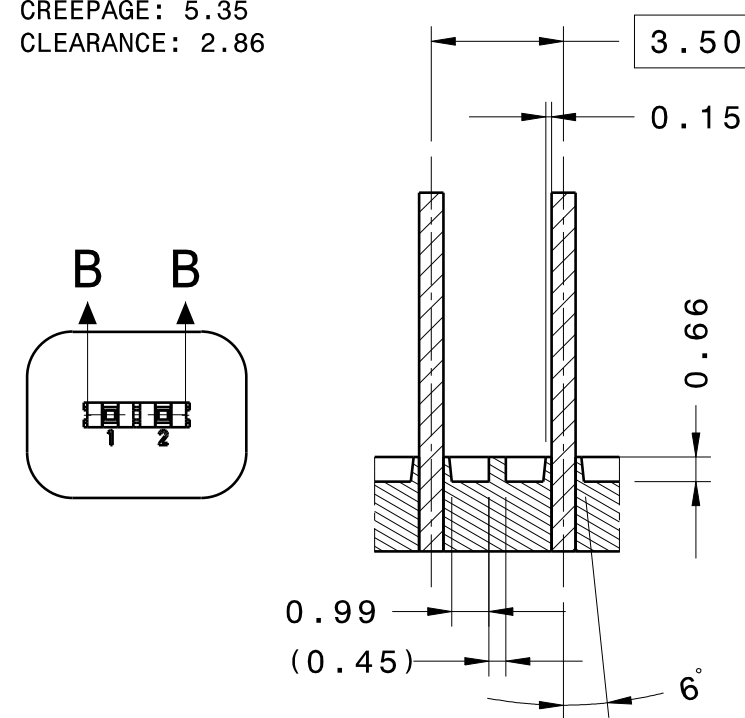


SEC. A-A (5/1)

064-T-001

MIN. PITCH 3.50mm

CREEPAGE: 5.35  
CLEARANCE: 2.86

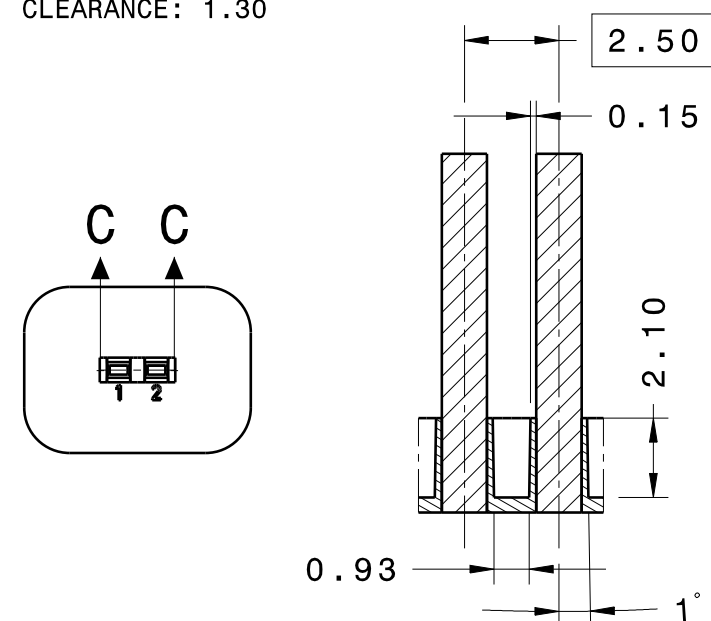


SEC. B-B (5/1)

064-T-002

MIN. PITCH 2.50mm

CREEPAGE: 5.43  
CLEARANCE: 1.30

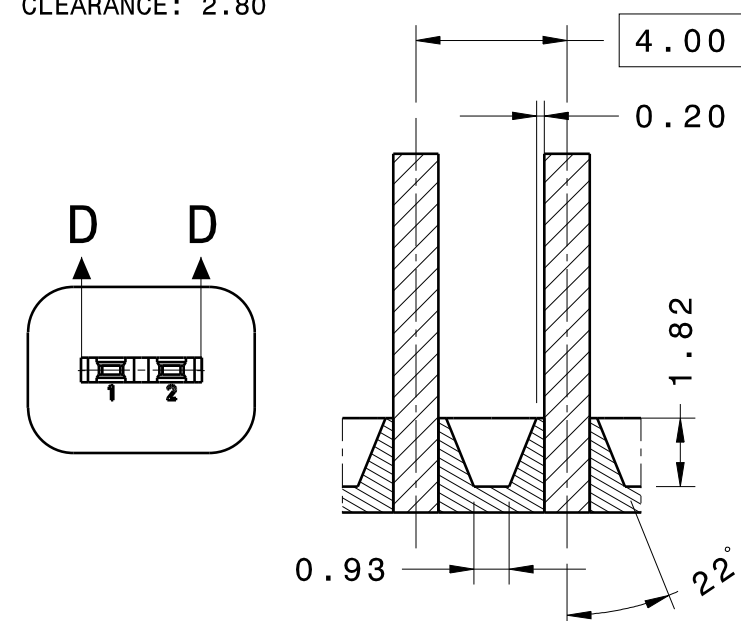


SEC. C-C (5/1)

120-T-001

MIN. PITCH 4.00mm

CREEPAGE: 5.25  
CLEARANCE: 2.80

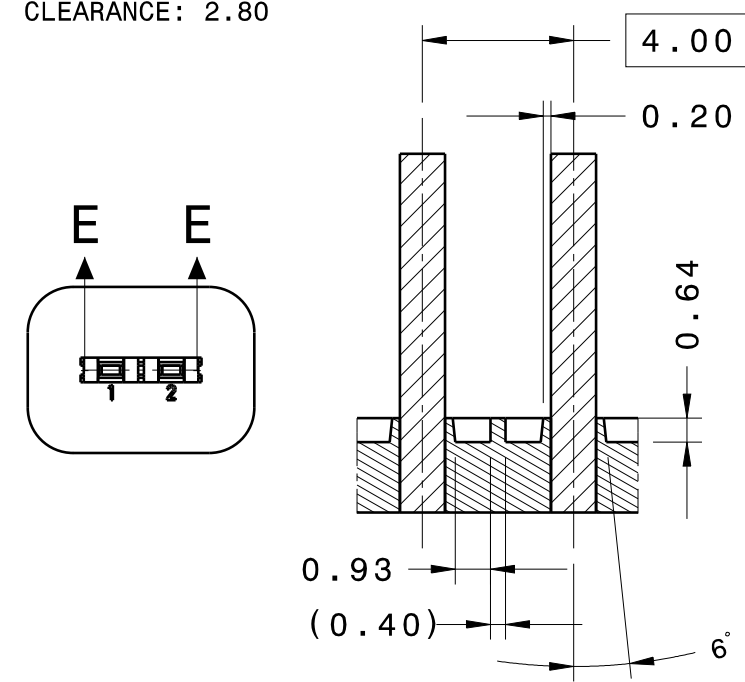


SEC. D-D (5/1)

120-T-002

MIN. PITCH 4.00mm

CREEPAGE: 5.22  
CLEARANCE: 2.80

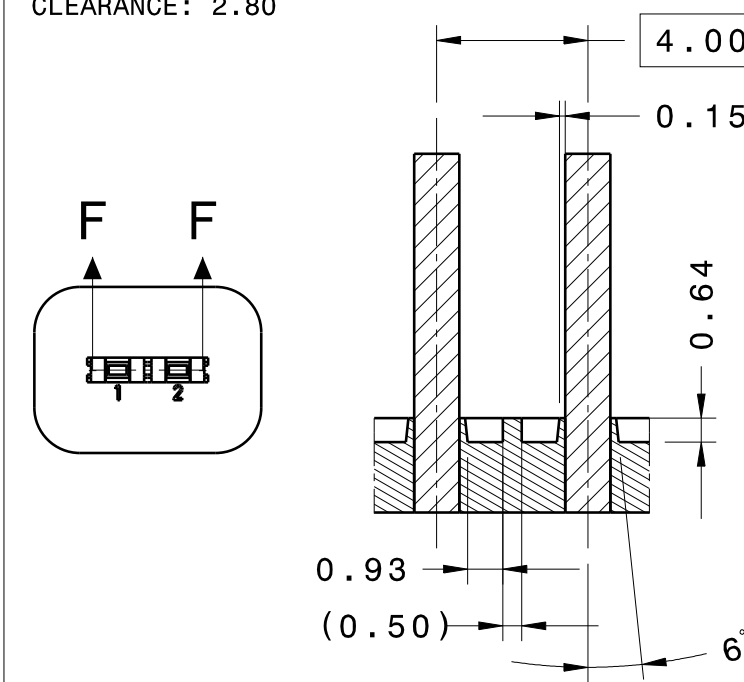


SEC. E-E (5/1)

120-T-003

MIN. PITCH 4.00mm

CREEPAGE: 5.22  
CLEARANCE: 2.80



SEC. F-F (5/1)

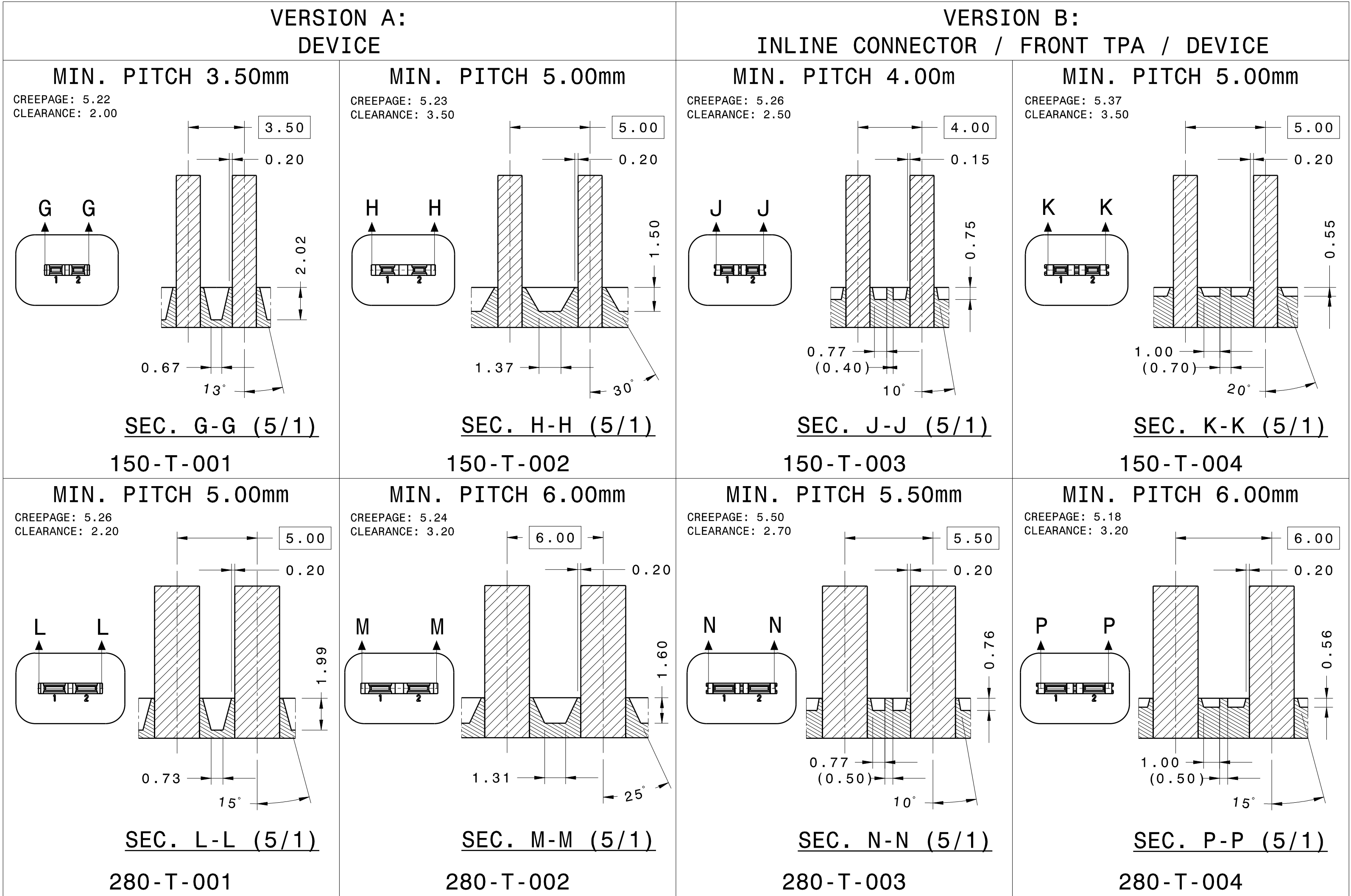
120-T-004

TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			

EWCAP

SCALE 2/1	DRAWN BY W. BIENIEK	CHECKED BY S. VOGT	DATE 07-20-2012
TITLE ANTI-TRACKING GEOMETRY - 064, 120, 150, AND 280			
SHEET 2 OF 3	DRAWING NUMBER EWCAP-004	SIZE C	DO NOT SCALE COMPUTER AIDED DRAWING
			REVISION LEVEL A

KOSTAL  
Kontakt Systeme, Inc.



TOLERANCES (UNLESS OTHERWISE SPECIFIED)		THIRD ANGLE PROJECTION	
DIMENSIONS ARE IN MILLIMETERS			
<b>EWCAP</b>			
SCALE 2/1	DRAWN BY W. BIENIEK	CHECKED BY S. VOGT	DATE 07-20-2012
TITLE ANTI-TRACKING GEOMETRY - 064, 120, 150, AND 280			
SHEET 3 OF 3	DRAWING NUMBER EWCAP-004	SIZE C	DO NOT SCALE COMPUTER AIDED DRAWING REVISION LEVEL A

