

MATERIALS AND FINISHES:

BODY: LCP

CENTER CONTACT: BRASS
 PLATED GOLD (8μ-in MIN)
 OVER NICKEL PHOSPHOR (80μ-in MIN)
 OVER COPPER (20μ-in MIN)

OUTER CONTACT: BRASS
 PLATED GOLD (2μ-in MIN)
 OVER NICKEL (80μ-in MIN)

INSULATOR: LCP

MYLAR: POLYIMIDE FILM

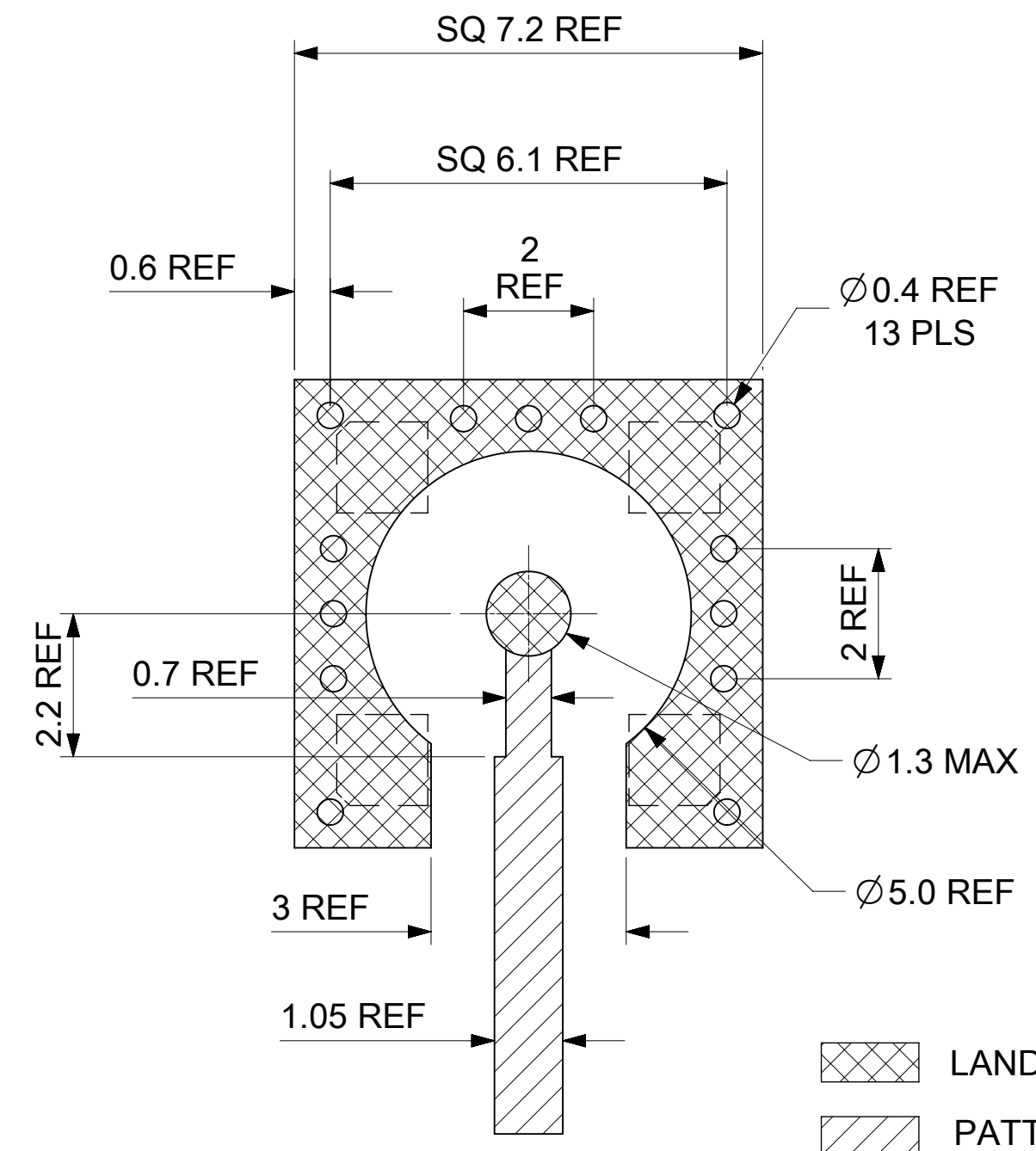
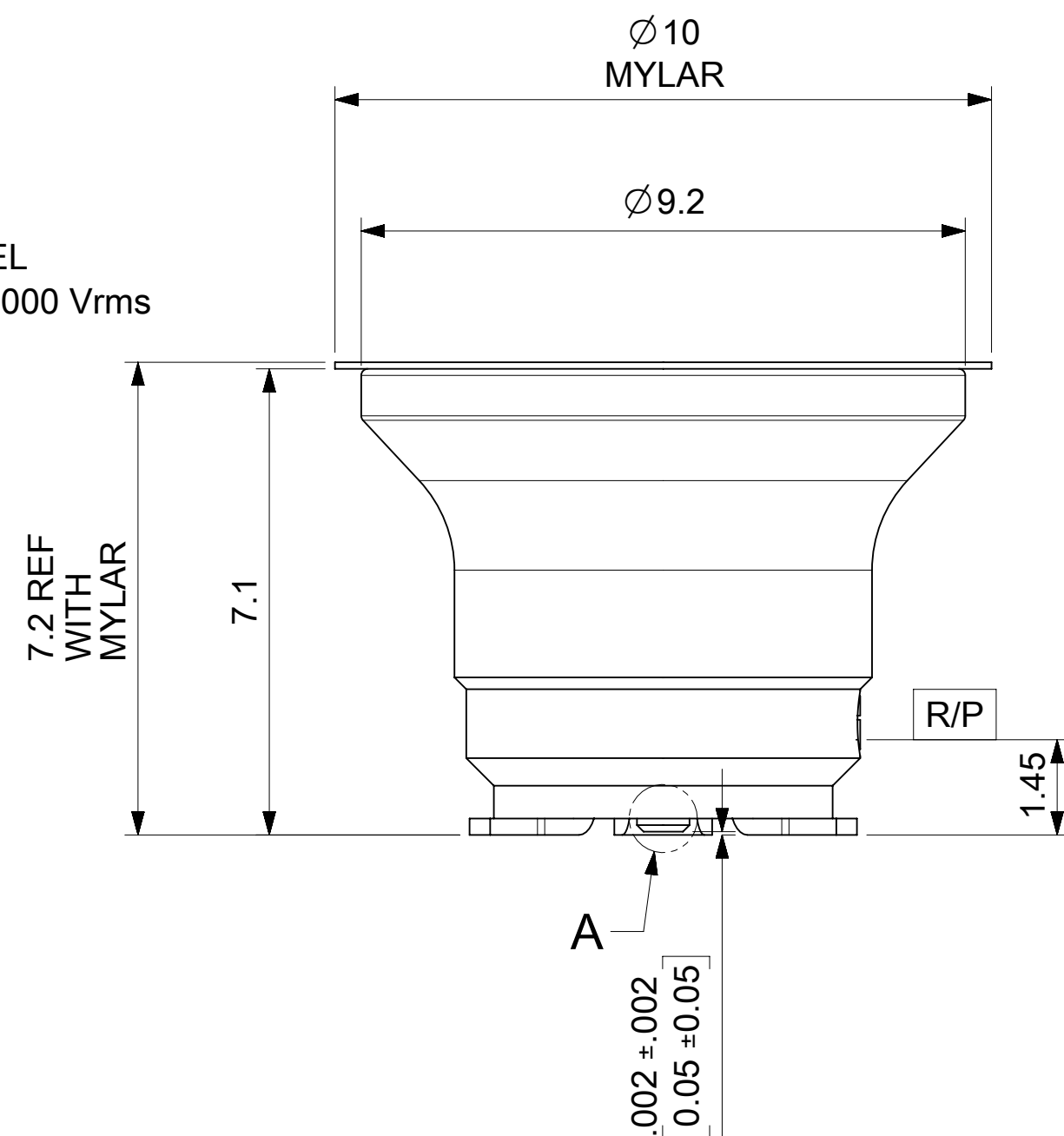
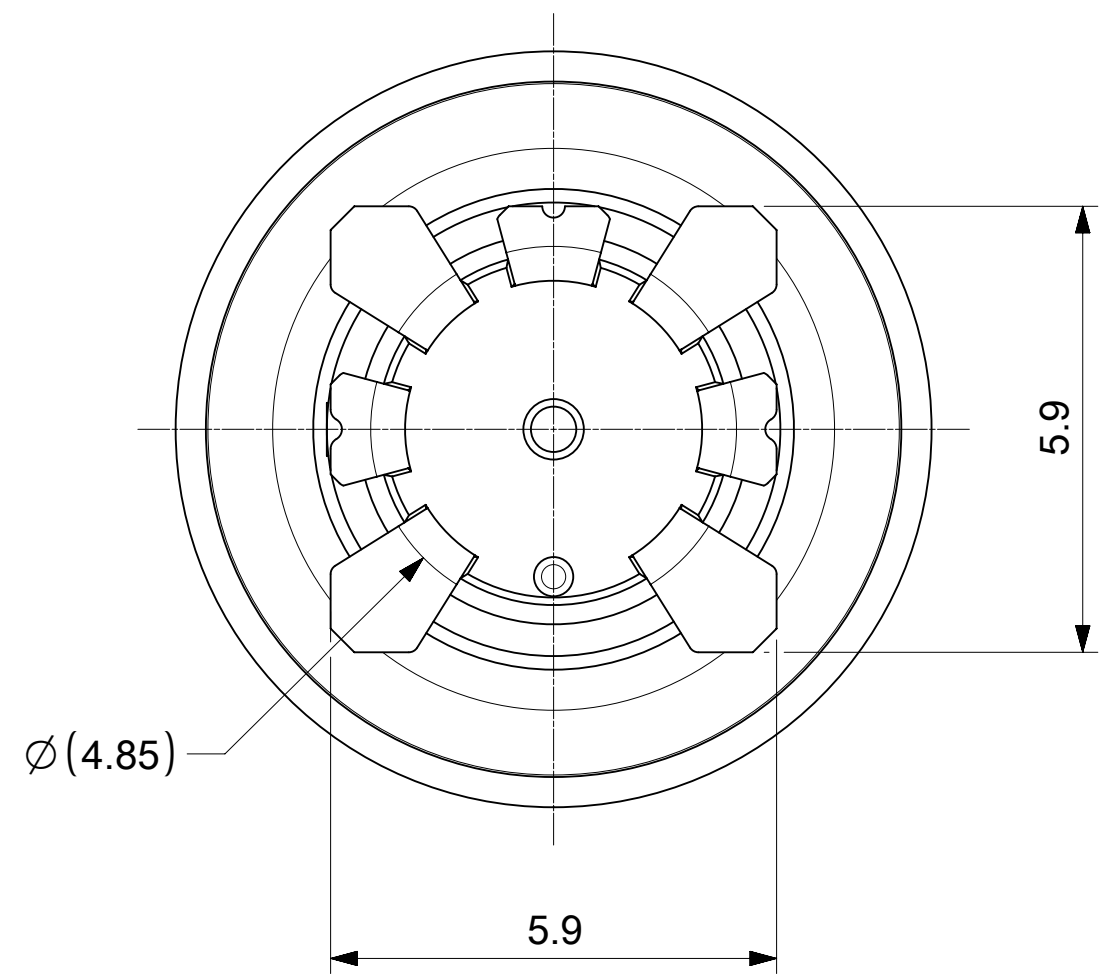
ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE: DC-10 GHz
 VSWR (MAX) / RETURN LOSS (MAX)

DC - 4 GHz	4-6 GHz
1.07 / -30dB	1.12 / -25dB

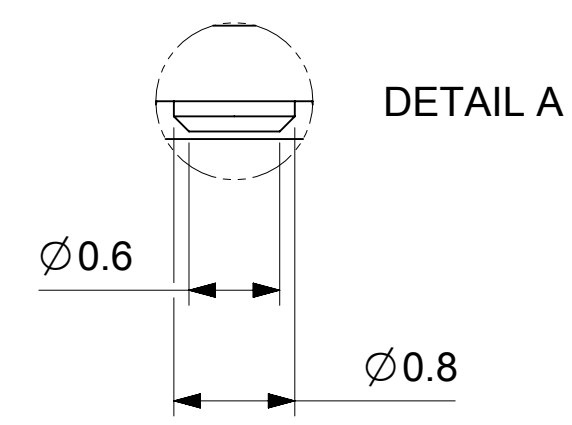
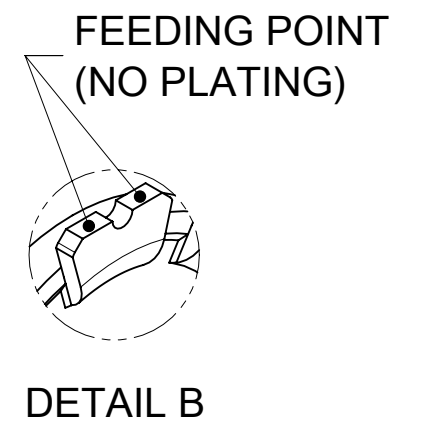
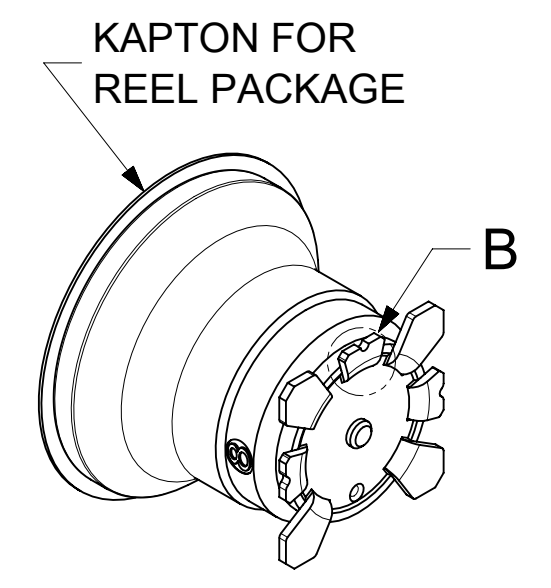
INSERTION LOSS: *0.05√F (GHz) dB MAX
 *COAXIAL TRANSMISSION LINE ONLY
 @ MIDDLE MISALIGNMENT (@ 1mm IN
 THE AXIAL WORKING RANGE 0 ~ 2mm,
 MAXIMUM AXIAL WORKING RANGE OF
 APPLICATION 2.4mm)

VOLTAGE RATING: 330 Vrms AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 Vrms
 INSULATION RESISTANCE: 5000 MΩ



LANDS FOR SOLDER PASTE
 PATTERN
 CONSTRUCT LINE JUST INDICATE THE DIRECTION OF CONNECTOR

NOTE: DUE TO THE POTENTIAL LARGE VARIATION OF PERFORMANCES DEPENDING ON PCB AND LINE PARAMETERS, WE RECOMMEND THE USER TO PROCESS A RF ANALYZE OF THE CONNECTOR MOUNTED ON HIS PCB. ABOVE LAYOUT IS RECOMMENDED FOR PCB: RO4350B 20MIL

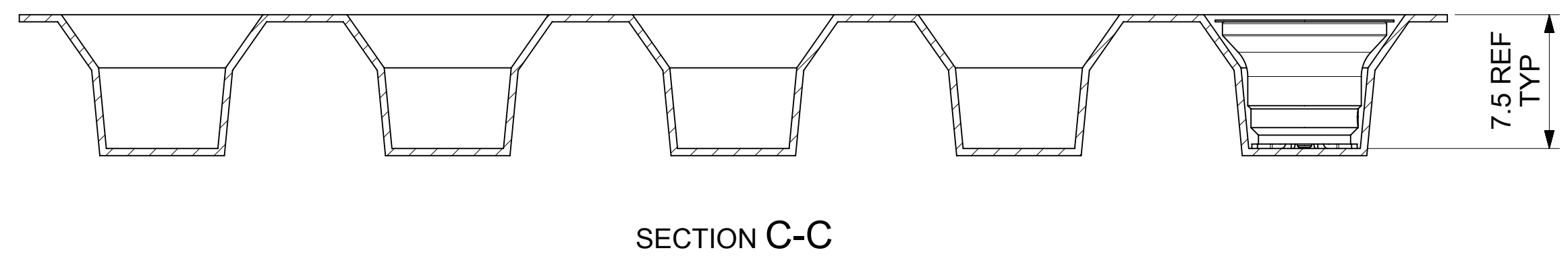
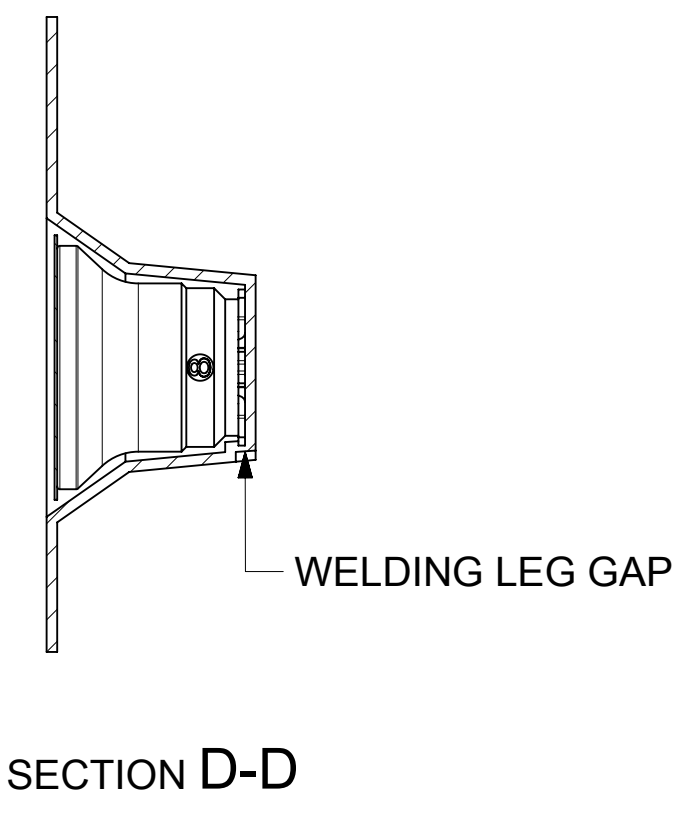
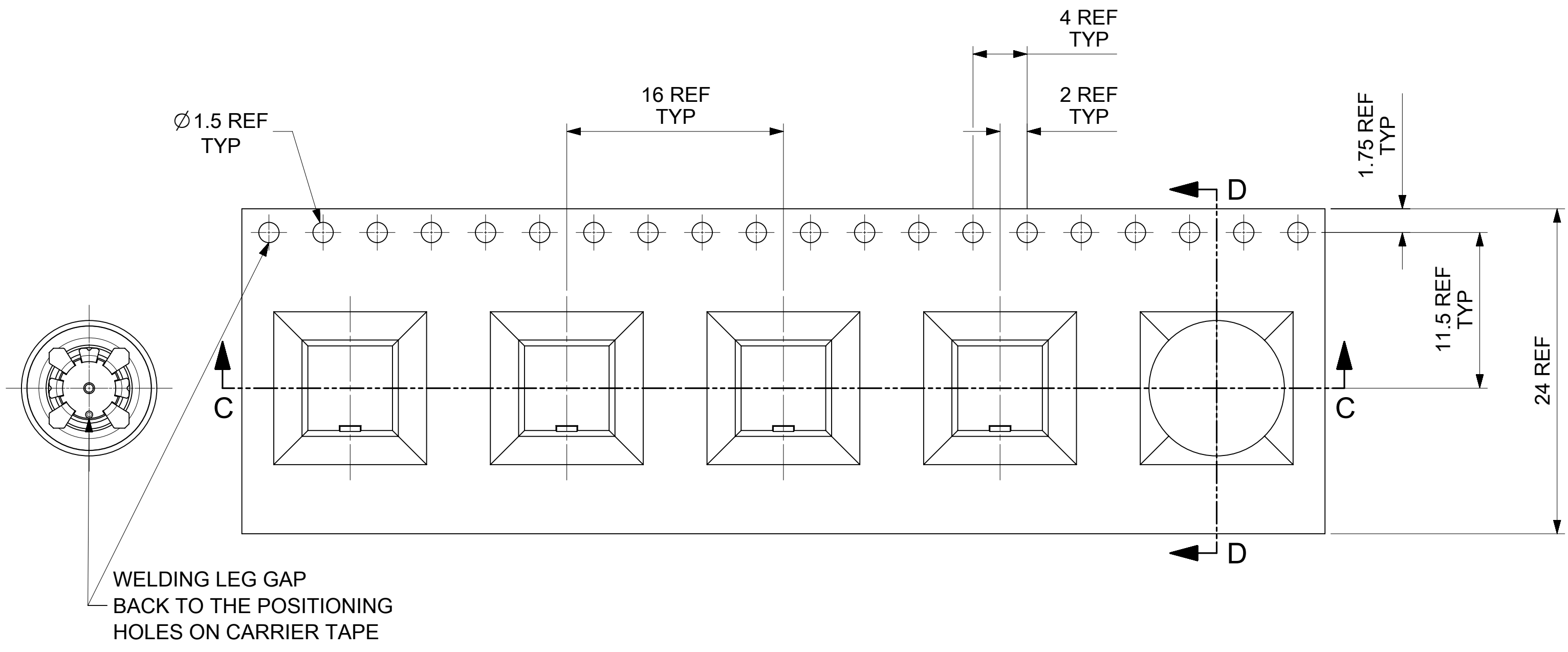


73420-6220	TAPE AND REEL WITH MYLAR
PART NO.	PACKAGING

PS-89675-3760	ELEC/MECH PERFORMANCE
SPECIFICATION	DESCRIPTION

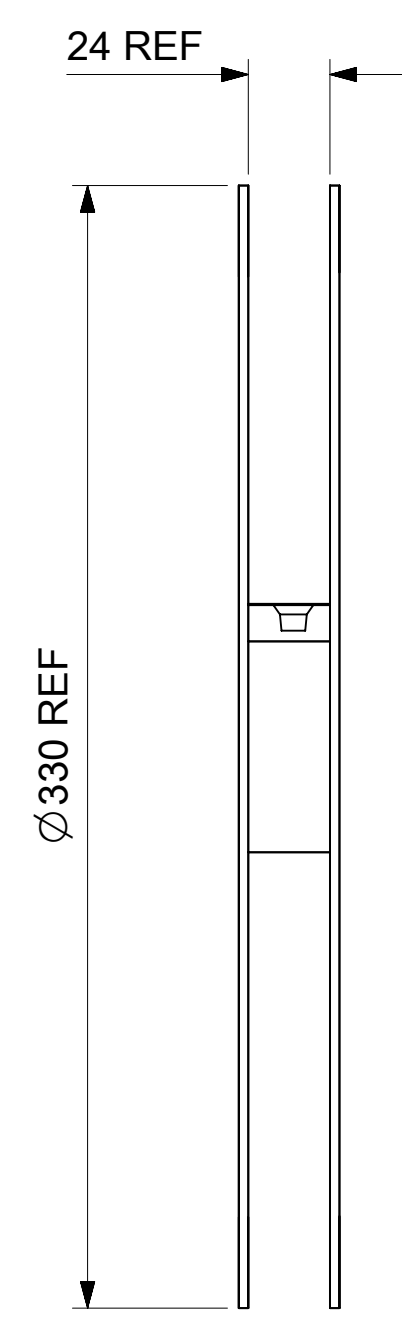
DOCUMENT STATUS	P1	RELEASE DATE	2023/02/09	02:36:15
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATE VIEWS FOR PACKING DIRECTION & RECOMMENDED PCB LAYOUT ; ADD PLATING THICKNESS PER EWR #12293-P (PCN #513327)					molex				
mm	NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 737826					SMP-MAX EVO II PLUG SLIDE TYPE PCB SMT EWR-12293				
ANGULAR TOL	± °	DRWN: RYEH 2022/10/26									
4 PLACES	±	CHK'D: YCHENG 2023/02/09					PRODUCT CUSTOMER DRAWING				
3 PLACES	±	APPR: YCHENG 2023/02/09									
2 PLACES	± 0.13	INITIAL REVISION:					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE	± 0.25	DRWN: RYEH 2018/07/20					734206220		PSD	000	A5
0 PLACES	± 0.38	APPR: YCHENG 2020/07/08					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
			C-SIZE	73420	SEE TABLE				1 OF 3		

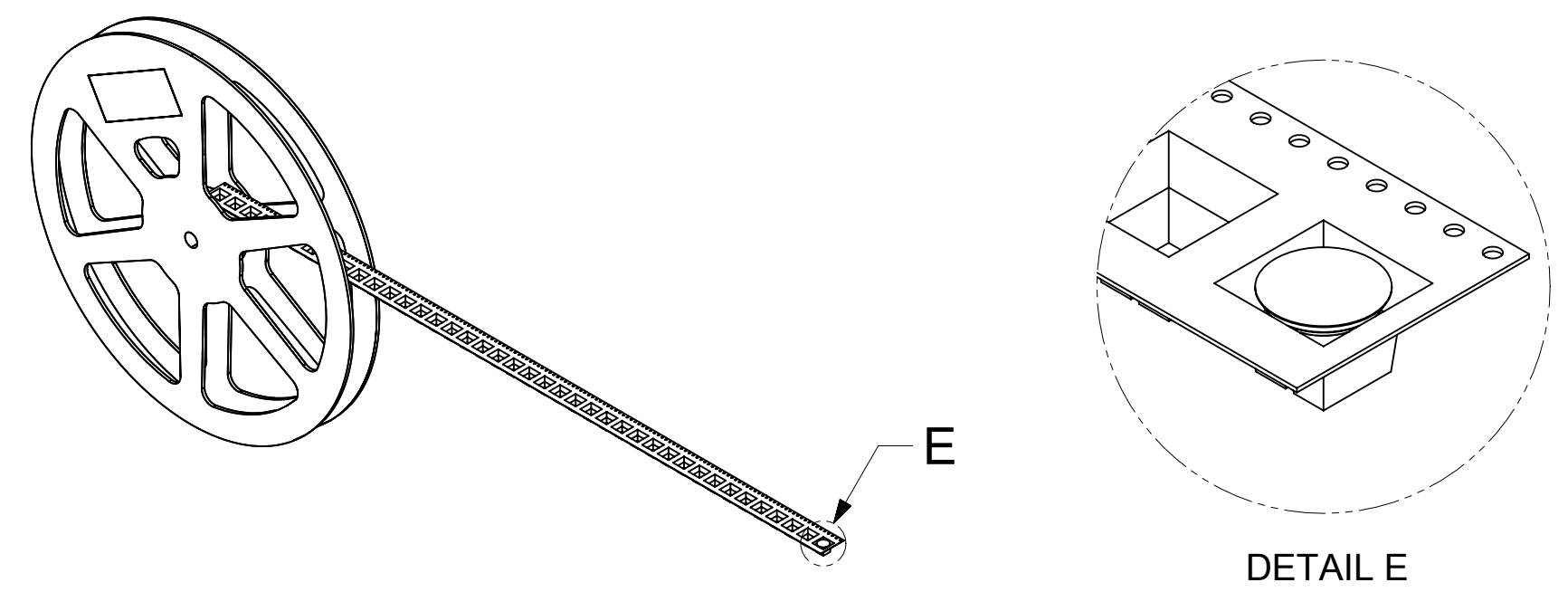
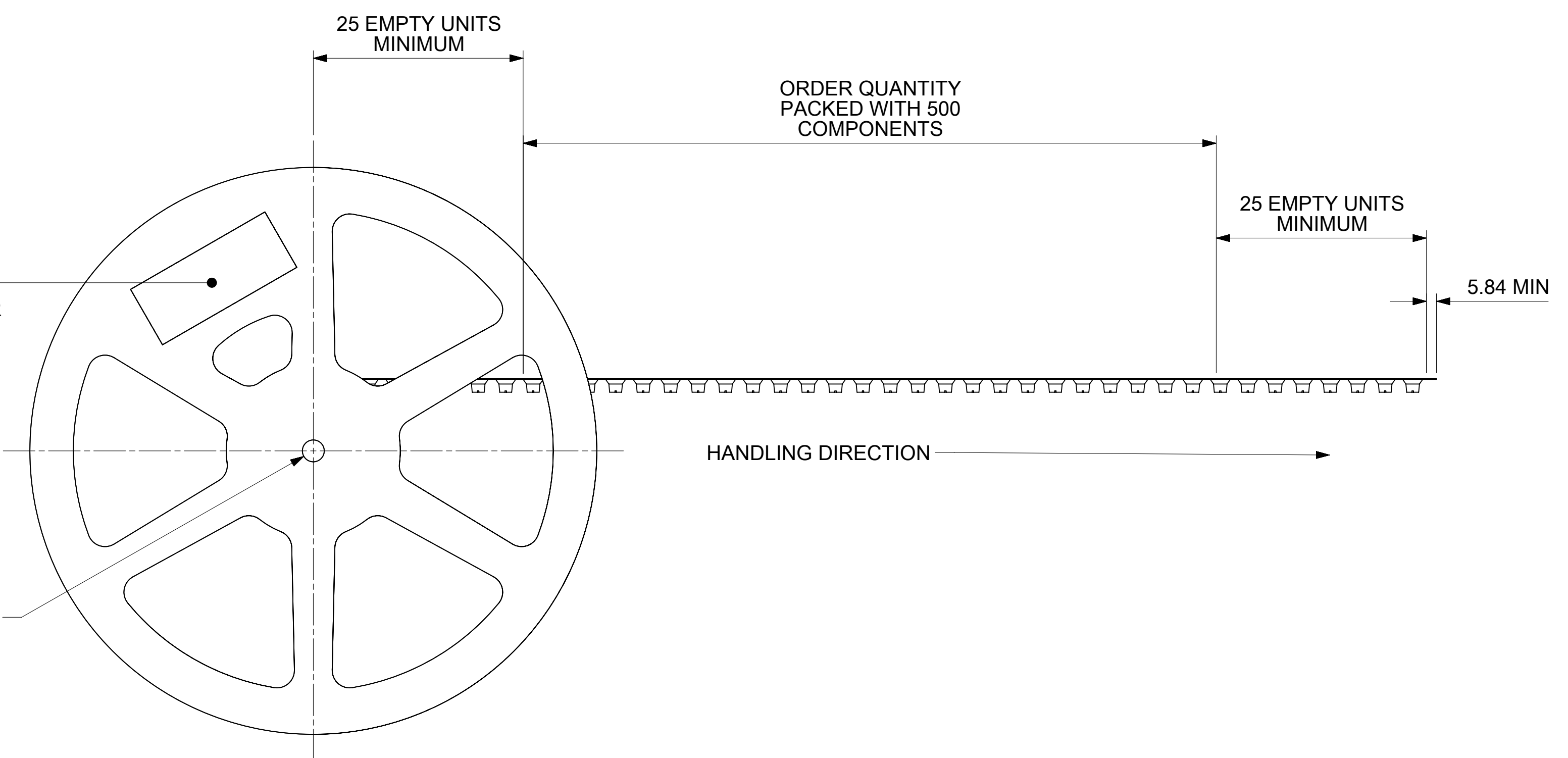


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				SERIES		CUSTOMER		SHEET NUMBER	
				73420				2 OF 3	

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LABEL:
 -ORDER NUMBER
 -QUANTITY
 -PART NUMBER
 -LOT NUMBER



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				SEE TABLE				3 OF 3	