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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GO TO PRODUCTION (ECN-26-392024)	06JUL2026	YS	AM

NOTES :

1. ALL DIMENSIONS ARE NOMINAL FOR REFERANCE ONLY UNLESS OTHERWISE STATED;
2. ROHS: COMPLIANT

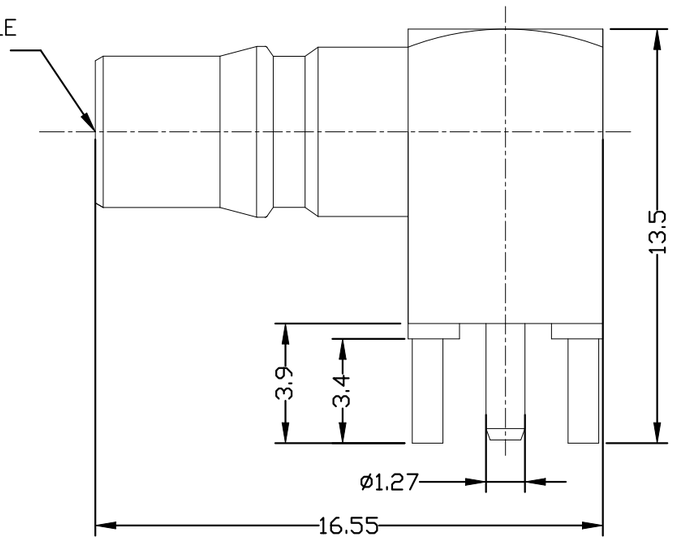
MATERIALS AND PLATING	UNIT: MICRO-INCHES	
PART NAME	MATERIALS	PLATING
BODY	BRASS HBi 59-1	ALBALOY 100u"/ NI-P(9-12wt%) 100u"
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	Be-Cu C17200	GOLD 3u"/NI-P(9-12wt%) 100u"/COPPER 50u"

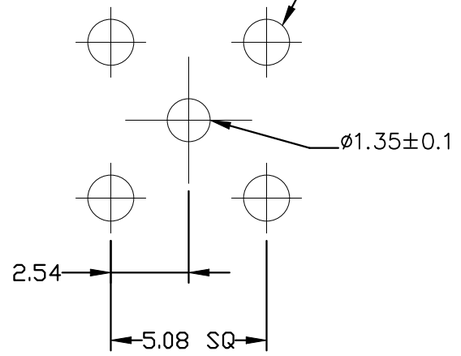
ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335V(rms)
FREQUENCY RANGE		DC~18 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>750 V
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.5 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		N/A
VSWR		<1.4

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500cycles

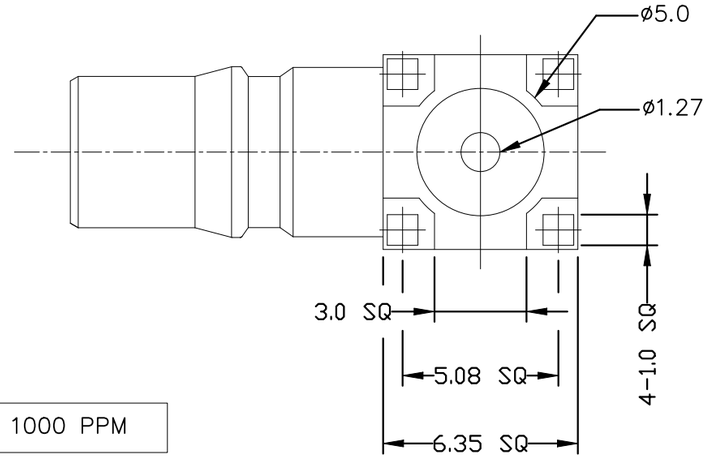
ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃~+125 ℃
CORROSION	MIL- STD 202, Meth. 101,Cond. B
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
Vibration	MIL-STD-202,Method 204,Cond D
Shock	MIL-STD-202,Method 213,Cond I

QMA FEMALE





RECOMMENDED PCB LAYOUT



Pb < 1000 PPM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.1
4 PLC	± –
ANGLES	± –

MATERIAL: –

FINISH: –

DWN	SARGUNAM, YAZHINI	26FEB2026
CHK	DAI, ERIC	26FEB2026
APVD	ZI, WILL	26FEB2026
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	0	

CUSTOMER DRAWING

TE Connectivity

NAME: QMA FEMALE R/A FOR PCB MOUNTING,50Ω

– –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2550501	—

SCALE	SHEET	REV
1:1	1 OF 2	A

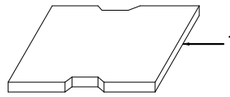
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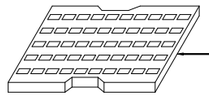
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—



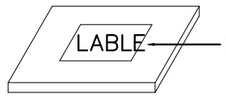
PLACE A SUBPLATE
ON THE TOP OF CARTON



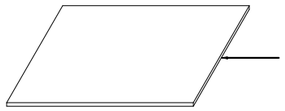
THE LID OF THE TRAY



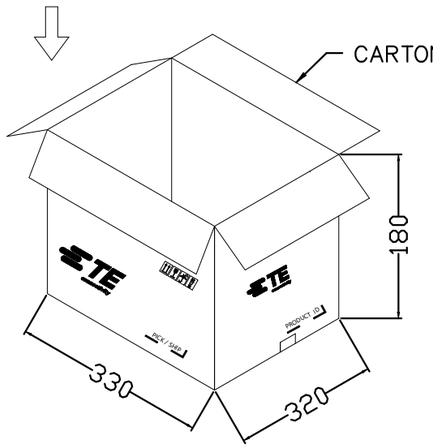
40 PCS / TRAY
6 TRAY / CARTON(CORRUGATED BOARD)

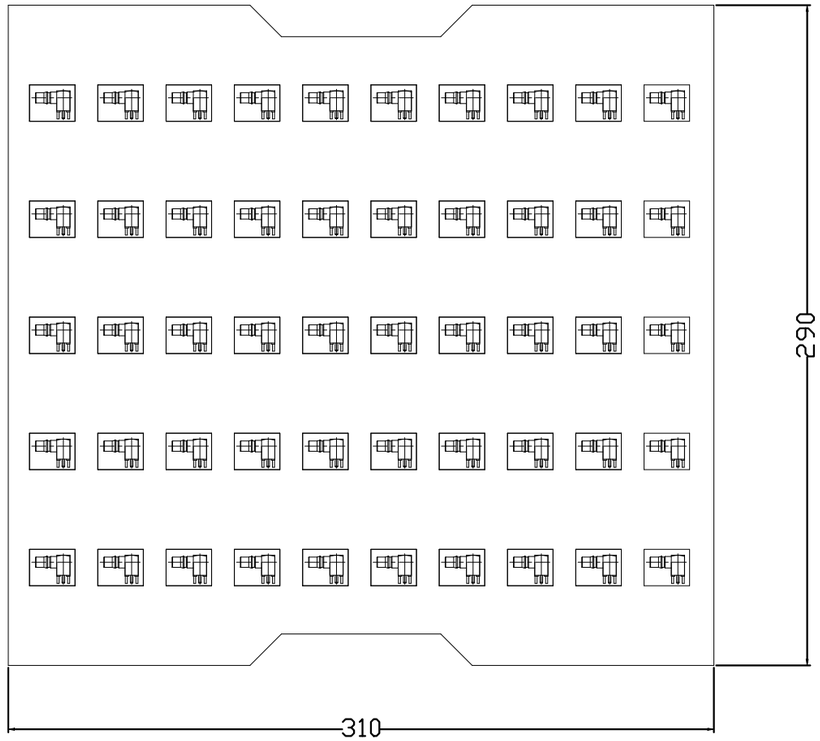


STICK A LABEL ON THE TARY



PLACE A PIECE OF SUBPLATE
AT THE BOTTOM OF THE CARTON.





NOTE:
1. 50PCS/TRAY ;
2. 10 TRAY/CARTON=500PCS/CARTON ;
3. LID/TRAY TEXTURE : PET ;
4. SUBPLATE/CARTON TEXTURE : CORRUGATED BOARD ;
5. SINGLE WEIGHT : 3.8G ;
6. WEIGHT PER BOX : 3000G ;
7. THE PACKAGING INFORMATION IS APPLICABLE TO: 2550501-1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± 0.1
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN	SARGUNAM, YAZHINI	26FEB2026
CHK	DAI, ERIC	26FEB2026
APVD	ZI, WILL	26FEB2026
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	0	

TE Connectivity

NAME
QMA FEMALE R/A FOR PCB MOUNTING,50
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2550501	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV A

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