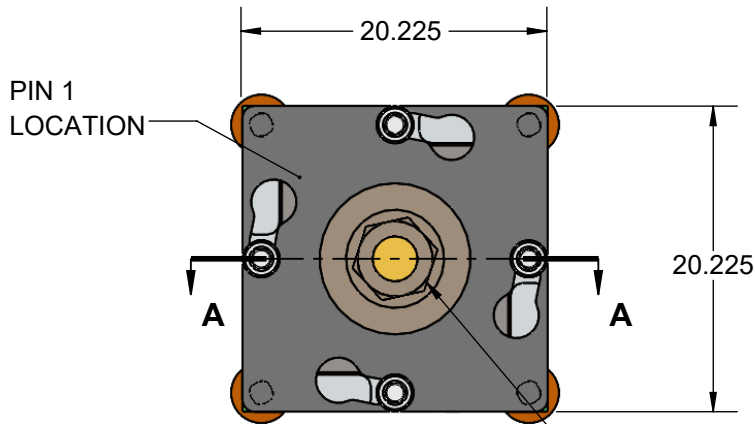
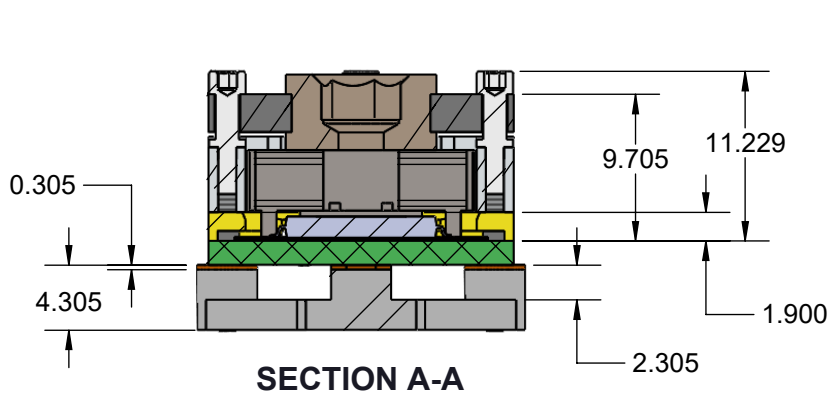


GHz QFP Socket - Direct mount, solderless Features

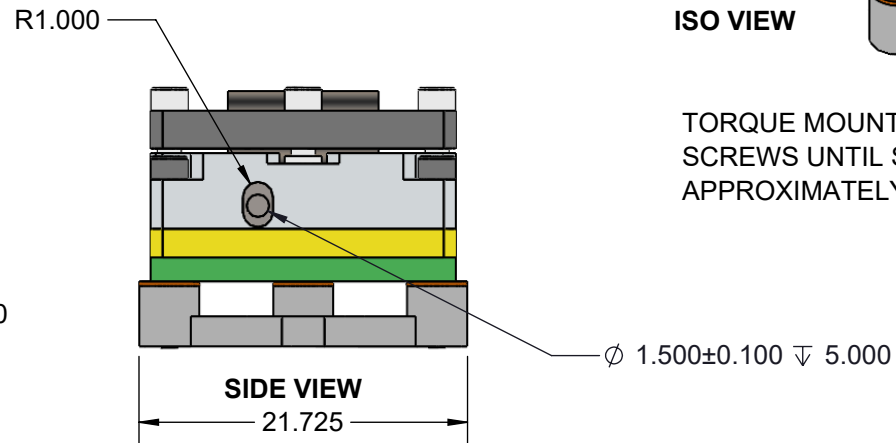


TOP VIEW

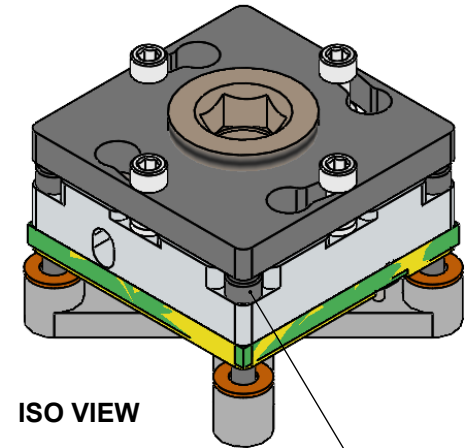
REQUIRED TORQUE:
0.34LBF-IN, 5.42OZF-IN, 3.83 N-CM
RECOMMENDED TORQUE DRIVER:
TL-TORQUEDRIVER-14



SECTION A-A



SIDE VIEW



ISO VIEW

TORQUE MOUNTING
SCREWS UNTIL SNUG,
APPROXIMATELY 8 OZF-IN

Description: GTP-QFP64 10mm SQ 12mm TTT 0.5mm Pitch Swivel Lid

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.

Tolerances: Hole diameters $\pm 0.1\text{mm}$ [± 0.004 "], Pitches (from true position) $\pm 0.0254\text{mm}$ [± 0.001 "], substrate thickness tolerance $\pm 10\%$, all other tolerances $\pm 0.127\text{mm}$ [± 0.005 "] unless stated otherwise. Materials and specifications are subject to change without notice.

GTP-QFE-7005 Drawing

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www.ironwoodelectronics.com

STATUS: Quality Approval Pending

ENG: C. Sandell

FILE: GTP-QFE-7005 Dwg

SHEET: 1 OF 5

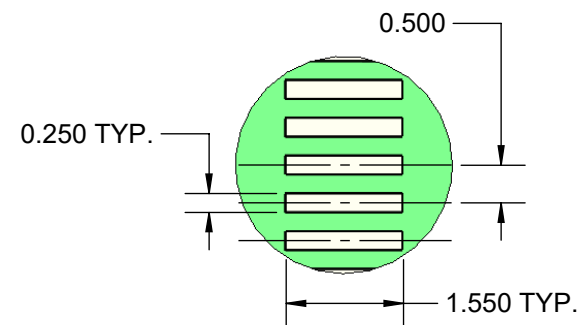
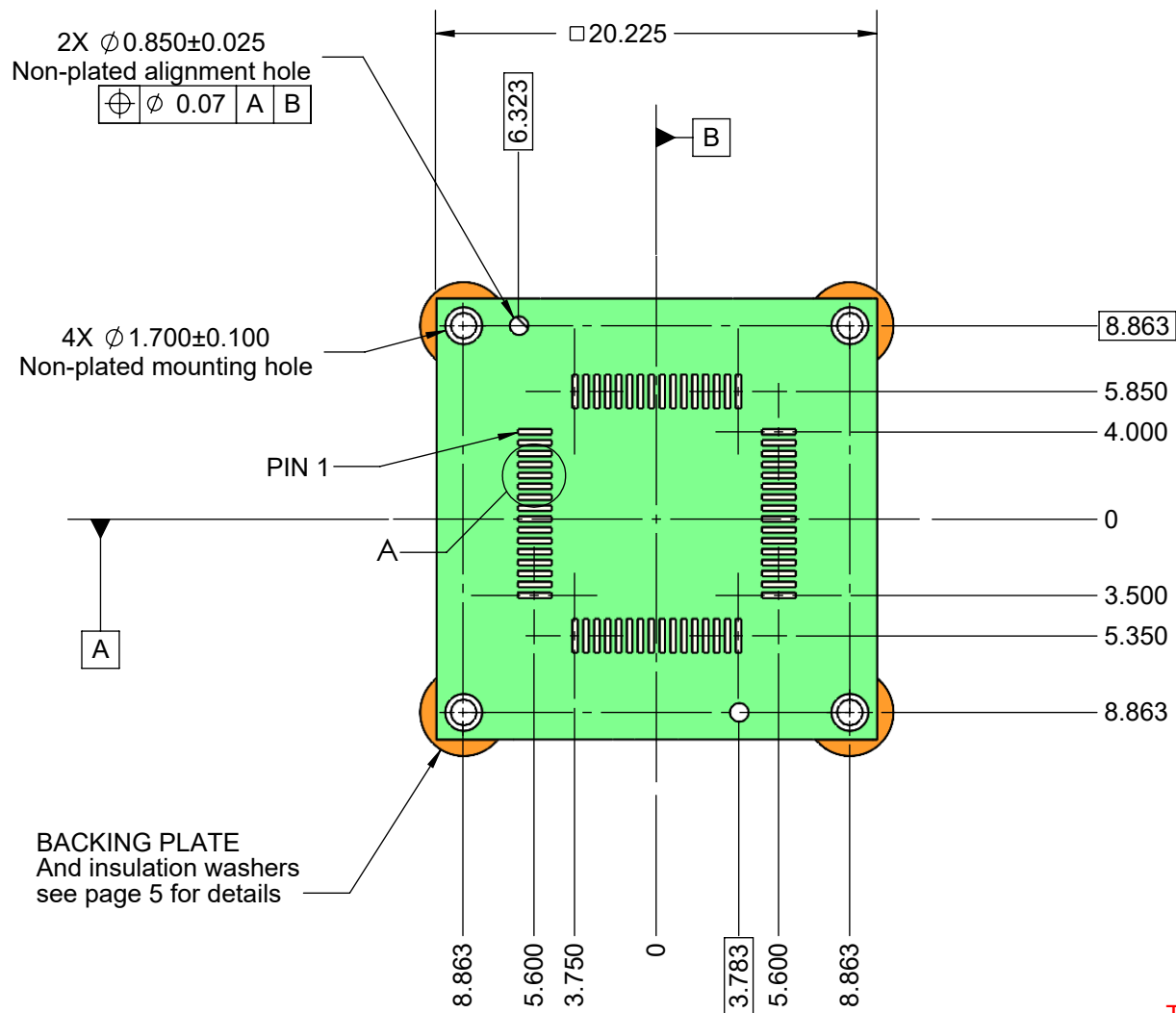
DRAWN BY: G. Coleman

DATE: 07/07/2026

REV. A

SCALE: 2:1

Weight: 10.22



DETAIL A
SCALE 10:1

Description: Recommended PCB Layout

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.

Tolerances: Hole diameters $\pm 0.03\text{mm}$ [± 0.001 "], Pitches (from true position) $\pm 0.025\text{mm}$ [± 0.001 "], substrate thickness tolerance $\pm 10\%$, all other tolerances $\pm 0.13\text{mm}$ [± 0.005 "] unless stated otherwise. Materials and specifications are subject to change without notice.

TARGET PCB RECOMMENDATIONS

TOTAL THICKNESS: 1.60MM MIN 2.6MM MAX

PLATING: GOLD OR SOLDER FINISH

RECOMMENDATION LINK: [CLICK HERE](#)

PAD HEIGHT: SAME OR HIGHER THAN SOLDER MASK

PCB PADS MUST BE FREE OF ANY SPECIAL/PROTECTIVE

COATING SUCH AS OSP.

GTP-QFE-7005 Drawing

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STATUS: Quality Approval Pending

ENG: C. Sandell

FILE: GTP-QFE-7005 Dwg

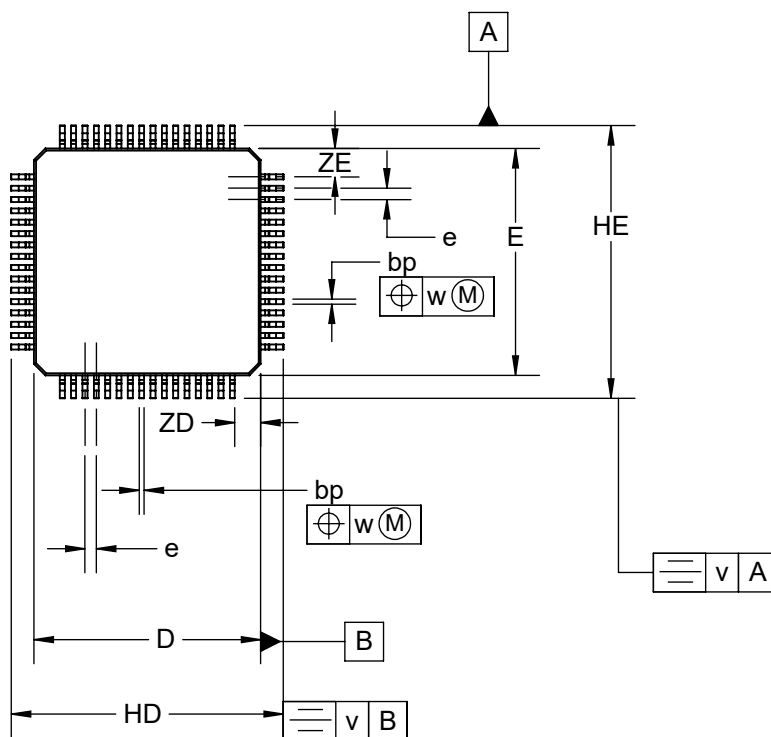
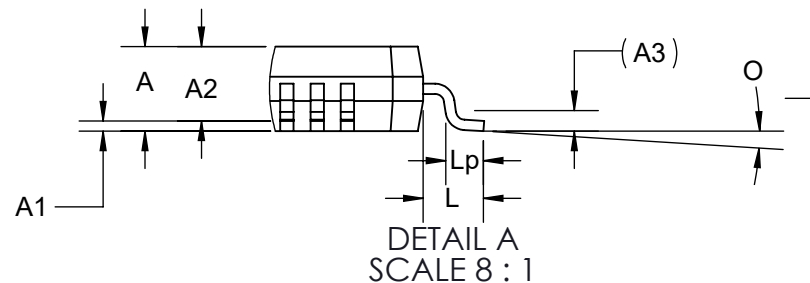
SHEET: 2 OF 5

DRAWN BY: G. Coleman

DATE: 07/07/2026

REV. A

SCALE: 3:1



UNIT	A _{max}	A1	A2	A3	bp	c	D	Dh	E	Eh	e	HD	HE	L	Lp	v	w	y	ZD	ZE	0
mm	1.6	0.15 0.05	1.45 1.35	-	0.27 0.17	0.20 0.09	10.00	-	10.00	-	0.5	12.00	12.00	1	0.75 0.45	0.2	0.08	0.08	1.4 1.1	1.4 1.1	7 0

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.
Tolerances: Hole diameters $\pm 0.03\text{mm}$ [$\pm 0.001"$], Pitches (from true position) $\pm 0.025\text{mm}$ [$\pm 0.001"$], substrate thickness tolerance $\pm 10\%$, all other tolerances $\pm 0.13\text{mm}$ [$\pm 0.005"$] unless stated otherwise. Materials and specifications are subject to change without notice.



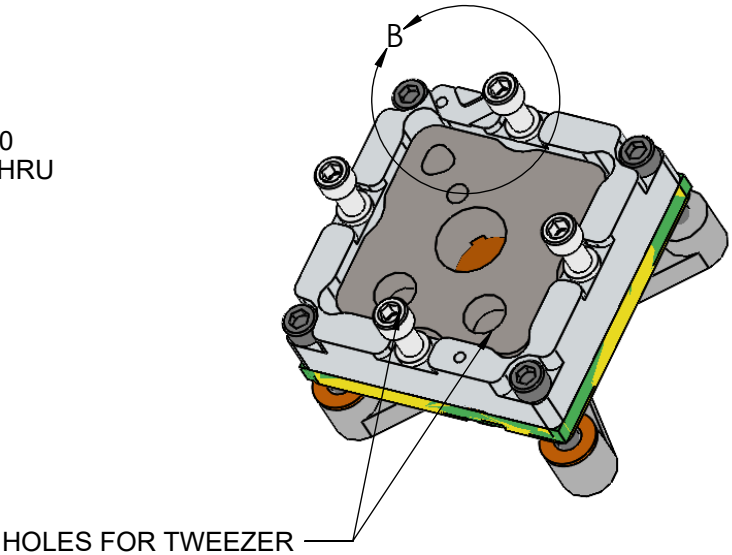
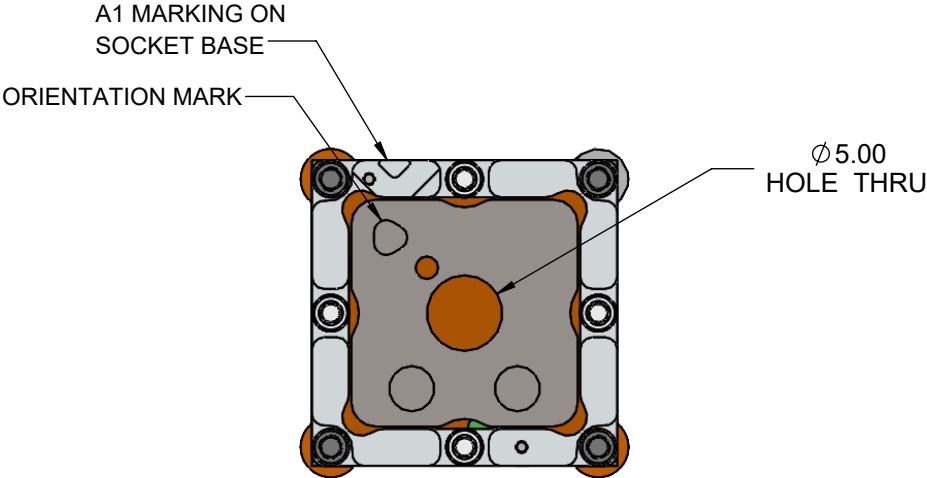
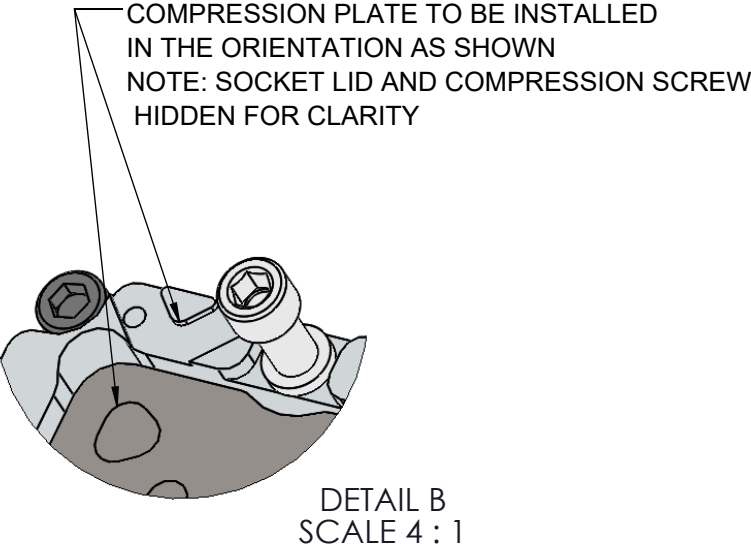
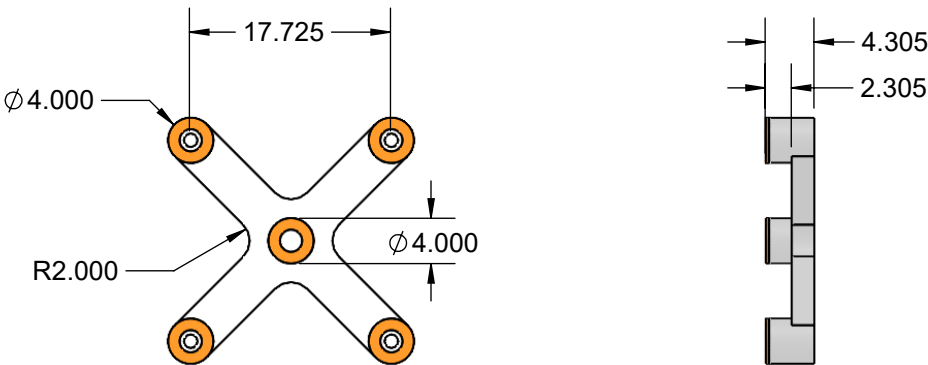
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FILE: GTP-QFE-7005 Dwg

DATE: 07/07/2026

SCALE: 3:1

BACKING PLATE DETAIL



Description: PIN, BACKING PLT DETAIL

Primary dimension units are millimeters, Secondary dimension units are [inches], Weight is in grams.
Tolerances: Hole diameters $\pm 0.03\text{mm}$ [± 0.001 "], Pitches (from true position) $\pm 0.025\text{mm}$ [± 0.001 "], substrate thickness tolerance $\pm 10\%$, all other tolerances $\pm 0.13\text{mm}$ [± 0.005 "] unless stated otherwise. Materials and specifications are subject to change without notice.

	GTP-QFE-7005 Drawing	STATUS: Quality Approval Pending	SHEET: 5 OF 5	REV. A
	©2026 Ironwood Electronics, Inc. Tele: (800) 404-0204 www.ironwoodelectronics.com	ENG: C. Sandell	DRAWN BY: G. Coleman	SCALE: 1.5:1
		FILE: GTP-QFE-7005 Dwg	DATE: 07/07/2026	