

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
I	PRELIMINARY RELEASE	11/19/19	MKH
A	RELEASE TO PRODUCTION	03/24/22	MKH

HOW TO ORDER	
SAMPLE PART NUMBER	GTBB -10 S SC -X
SERIES	GTBB - PCB CONNECTOR WITHOUT MOUNTING EARS, .100" SPACING
CONTACT LAYOUT	10, 14, 20, 24, 26, 30, 36, 40, 44, 50, 54, 56, 60, 66, 70
CONTACT TYPE (SEE DETAIL VIEWS FOR AVAILABLE OPTIONS)	P - PIN (FIGURE 1) S - SOCKET (FIGURE 2)
TERMINATION TYPE ¹	SC - SOLDER CUP
HARDWARE OPTION ²	OMIT FOR NONE X - GUIDESET, FULL ROUND Y-# - GUIDESET, POLARIZED F - FIXED JACKSET S - TURNING JACKSET, SLOTTED HEAD H - TURNING JACKSET, HEX HEAD M - TURNING JACKSET, SLOTTED HEAD, MEDIUM LONG L - TURNING JACKSET, SLOTTED HEAD, LONG EX - EXTENDED GUIDESET, FULL ROUND EY-# - EXTENDED GUIDESET, POLARIZED EF - EXTENDED FIXED JACKSET
¹ SEE GTB-1000 FOR TERMINATION TYPE DETAILS.	
² SEE GTB-1001 FOR HARDWARE OPTION DETAILS.	




Performance Specifications:

- Current Rating - 5 AMP
- DWV - 1000 VAC Sea Level
- Insulation Resistance - 5000 Megohms Minimum @ 500 VDC
- Contact Resistance - 10 Milliohms
- Operating Temperature - -65° C. to +125°C.
- Mating Force (Max) - (4 Ounces) X (# of Contacts)
- Durability - 500 Mating Cycles

Materials and Finishes:

- Insulator - Polyphenylene Sulfide (PPS)
- Contacts - Copper Alloy, Gold over Nickel Plating
- Hardware - Copper Alloy, Nickel Plated and/or 300 Series Stainless Steel, Passivated

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN	DFC	11/19/19	 GLENAIR, INC. 1211 AIR WAY, GLENDALE, CALIFORNIA 91201			
	CHECK	MKH	11/19/19				
	ENGR	MKH	11/19/19				
TOLERANCES: FRACTIONS ±1/16 SYMMETRY ϕ ±.002 RADI ϕ ±.005			TITLE	PCB CONNECTOR, 22 AWG STRAIGHT WITHOUT MOUNTING EARS SOLDER CUP, .100" SPACING			
DECIMALS .X ±.1 .XX ±.01 .XXX ±.005 .XXXX ±.0010			CODE IDENT. NO.		SIZE	DWG NO	REV
ANGLES ±2°	DO NOT SCALE THIS DRAWING		06324	C	GTBB-SC	A	
B/F	P/C	98	RELEASE DATE	12/27/19	SCALE: N/A	WEIGHT: N/A	SHEET 1 OF 3
			ORIGINAL RELEASE DATE	11/19/19			

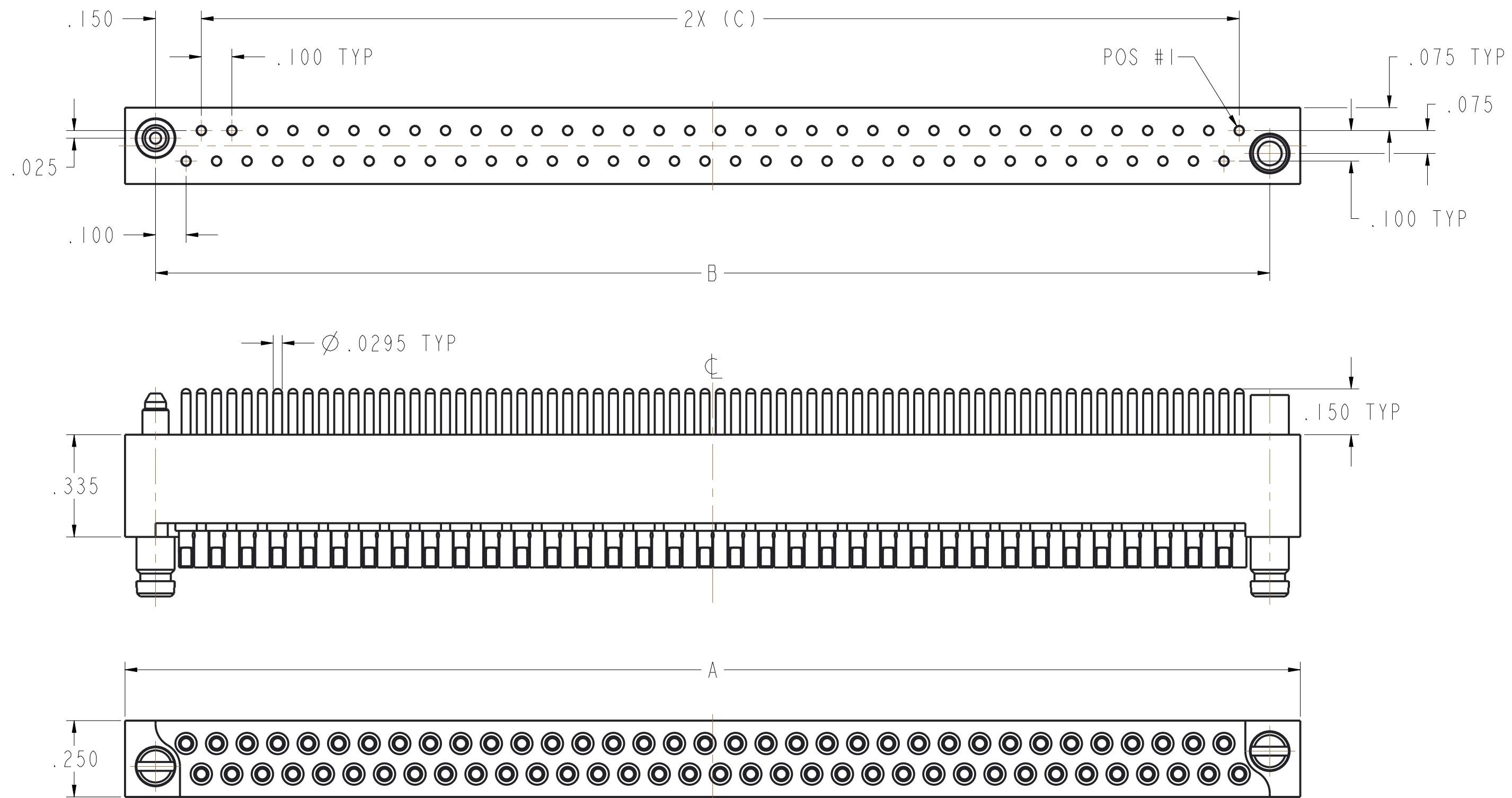
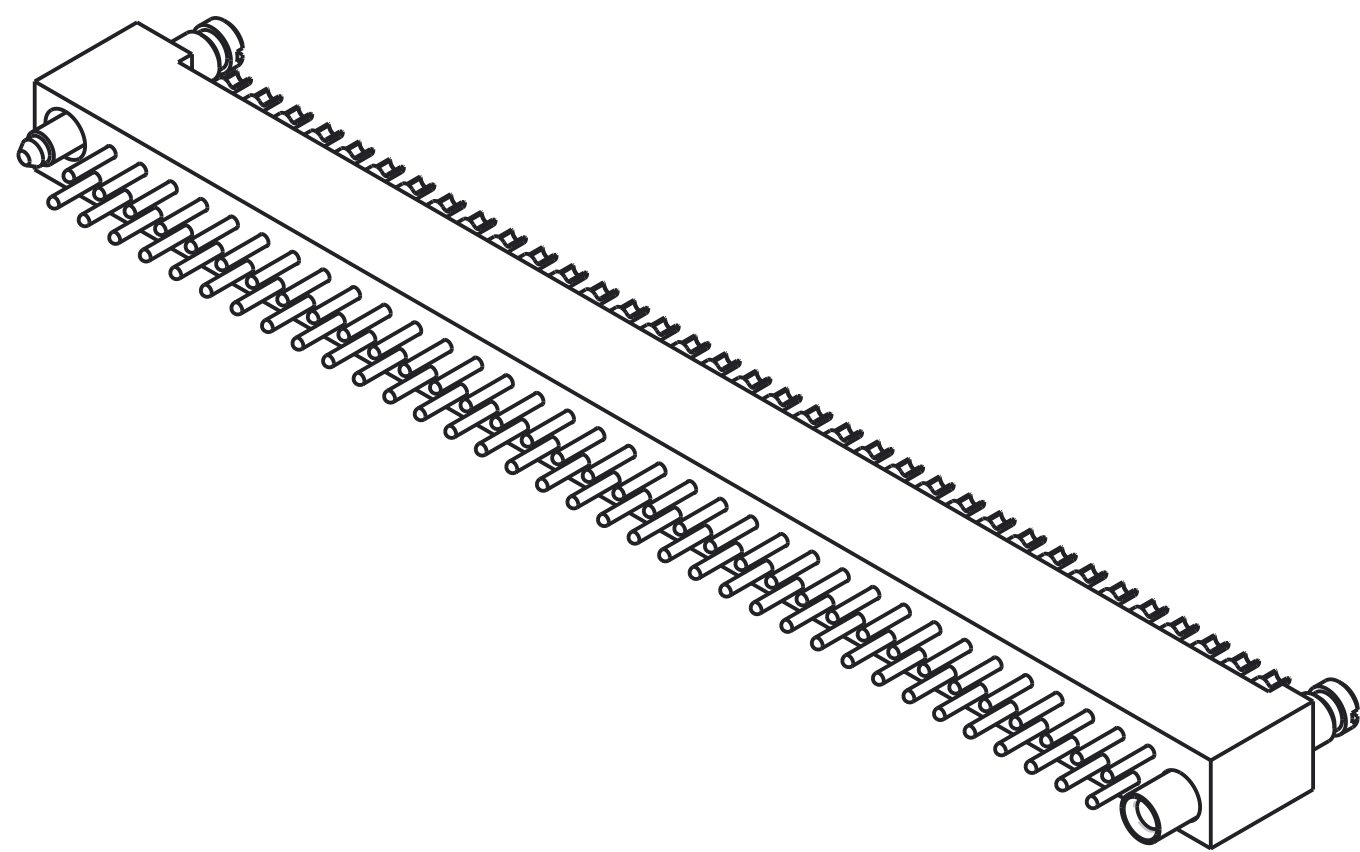


FIGURE 1. PLUG CONNECTOR, SOLDER CUP PIN CONTACTS



CONTACT LAYOUT	DIMENSIONS		
	A	B	C
10	.850	.650	.400
14	1.050	.850	.600
20	1.350	1.150	.900
24	1.550	1.350	1.100
26	1.650	1.450	1.200
30	1.850	1.650	1.400
36	2.150	1.950	1.700
40	2.350	2.150	1.900
44	2.550	2.350	2.100
50	2.850	2.650	2.400
54	3.050	2.850	2.600
56	3.150	2.950	2.700
60	3.350	3.150	2.900
66	3.650	3.450	3.200
70	3.850	3.650	3.400

NOTES: UNLESS OTHERWISE SPECIFIED...

- ASSEMBLY TO BE IDENTIFIED WITH GLENAIR NAME, CAGE CODE, P/N, AND DATE CODE. NUMBERS INDICATING THE FIRST AND LAST POSITION AND EVERY FOURTH CONTACT POSITION IN BETWEEN SHALL BE MARKED ON THE TOP SIDE OF THE CONNECTOR.

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GLENAIR, INC.

1211 AIR WAY, GLENDALE, CALIFORNIA 91201

TITLE
PCB CONNECTOR, 22 AWG
STRAIGHT WITHOUT MOUNTING EARS
SOLDER CUP, .100" SPACING

CODE	IDENT. NO.	SIZE	DWG NO	REV
06324	C	GTBB-SC	A	
SCALE: N/A		WEIGHT: N/A		SHEET 2 OF 3

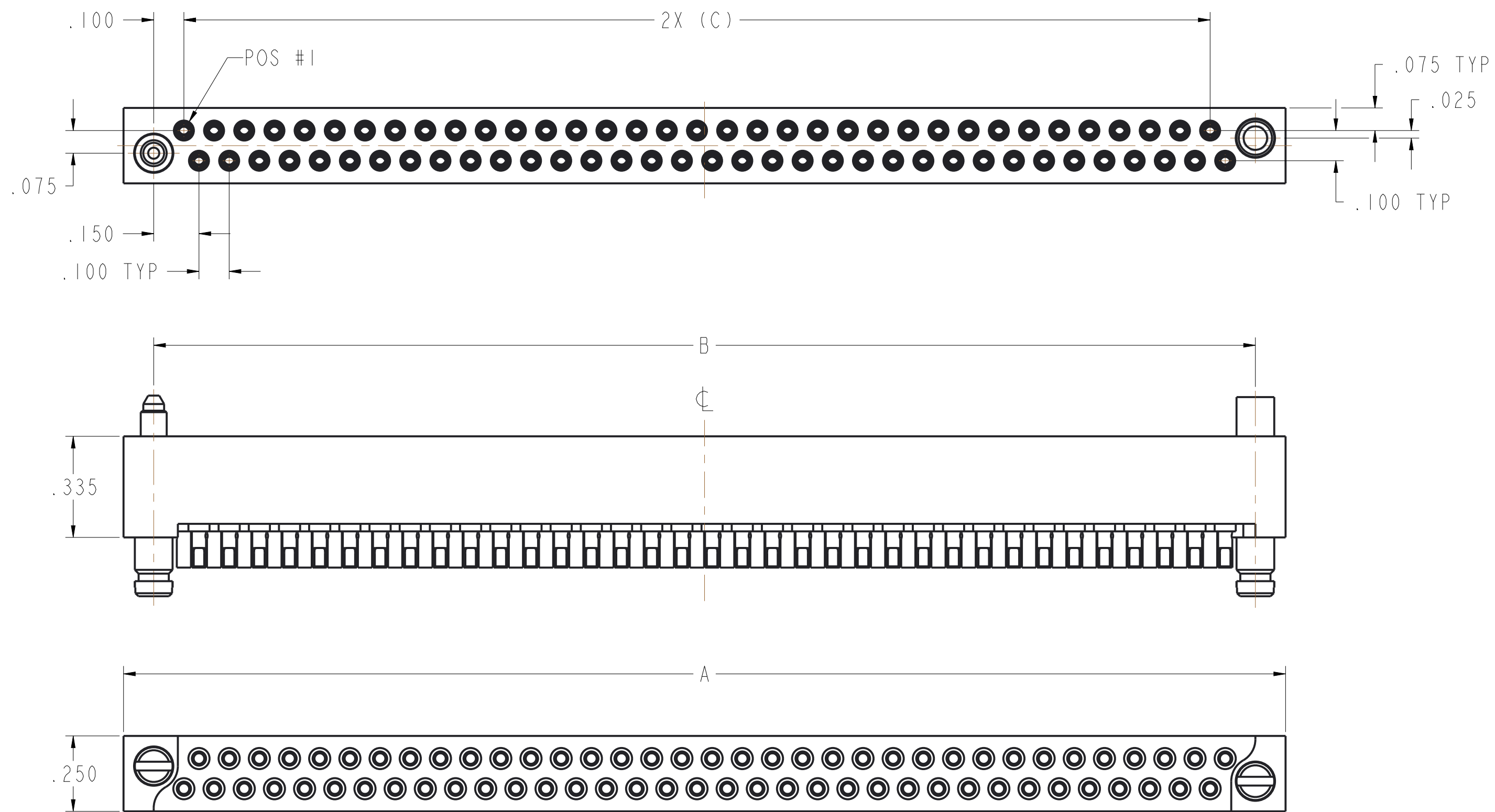
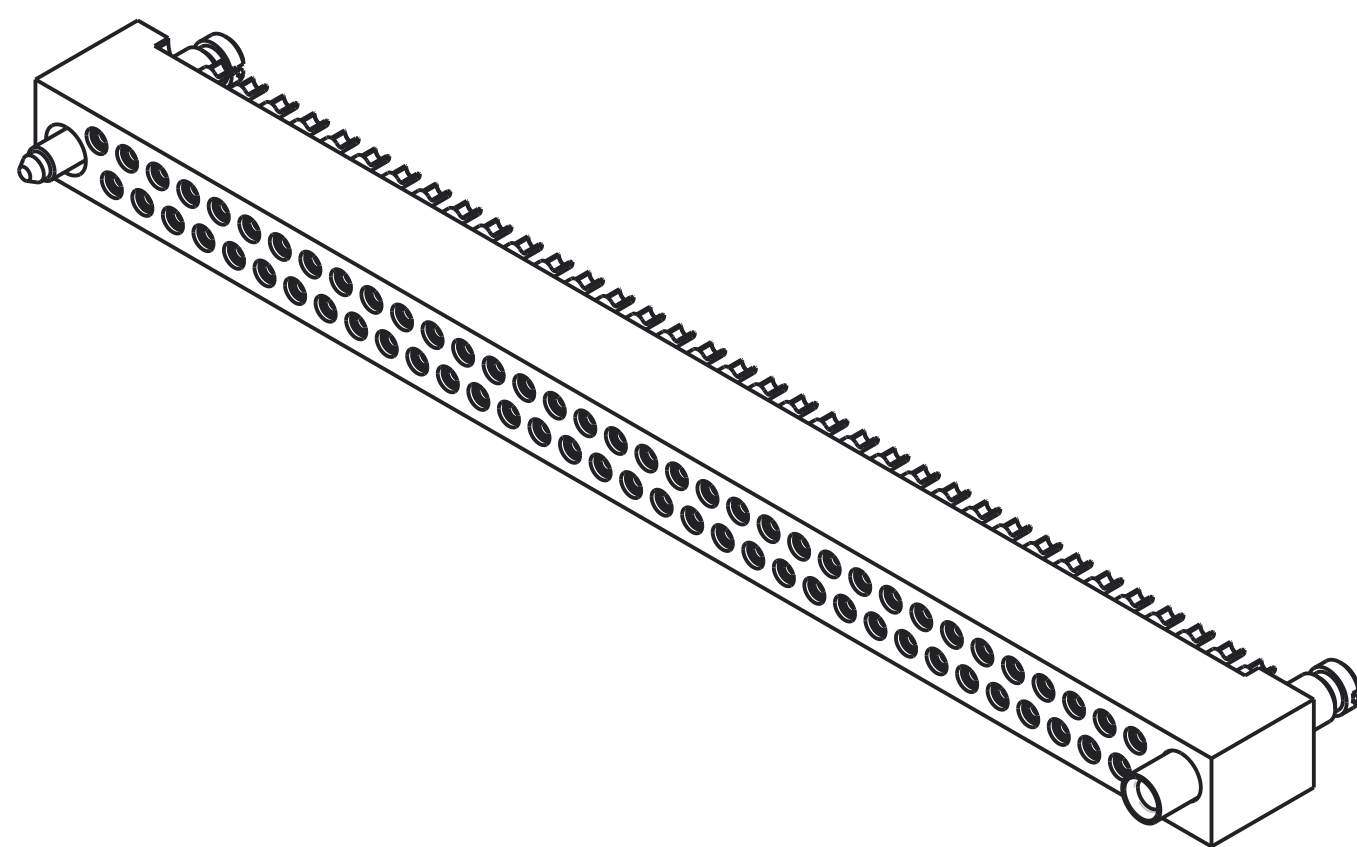


FIGURE 2. RECEPTACLE CONNECTOR, SOLDER CUP SOCKET CONTACTS



CONTACT LAYOUT	DIMENSIONS		
	A	B	C
10	.850	.650	.400
14	1.050	.850	.600
20	1.350	1.150	.900
24	1.550	1.350	1.100
26	1.650	1.450	1.200
30	1.850	1.650	1.400
36	2.150	1.950	1.700
40	2.350	2.150	1.900
44	2.550	2.350	2.100
50	2.850	2.650	2.400
54	3.050	2.850	2.600
56	3.150	2.950	2.700
60	3.350	3.150	2.900
66	3.650	3.450	3.200
70	3.850	3.650	3.400

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STRAIGHT WITHOUT MOUNTING EARS
SOLDER CUP, .100" SPACING

CODE	IDENT. NO.	SIZE	DWG NO	REV
	06324	C	GTBB-SC	A
SCALE: N/A		WEIGHT: N/A		SHEET 3 OF 3

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