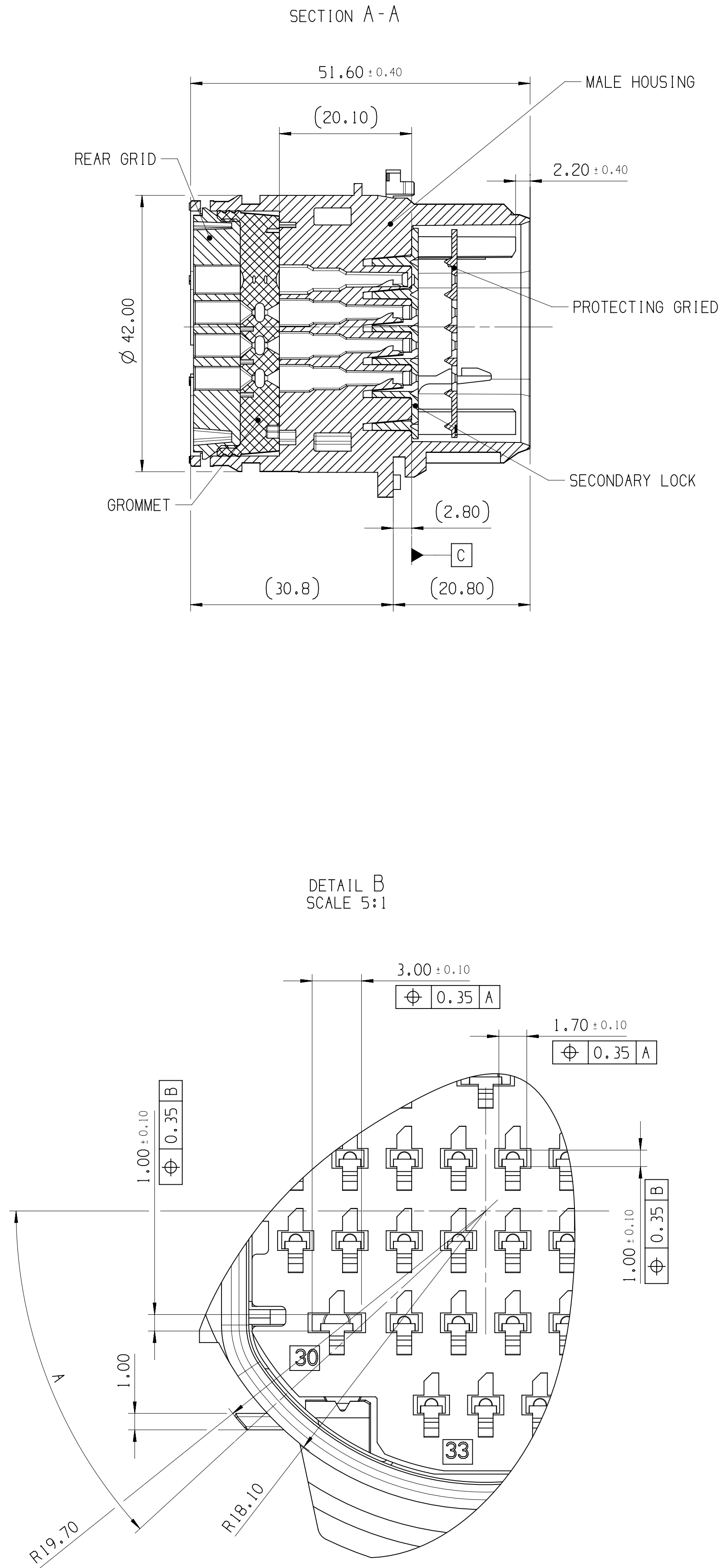
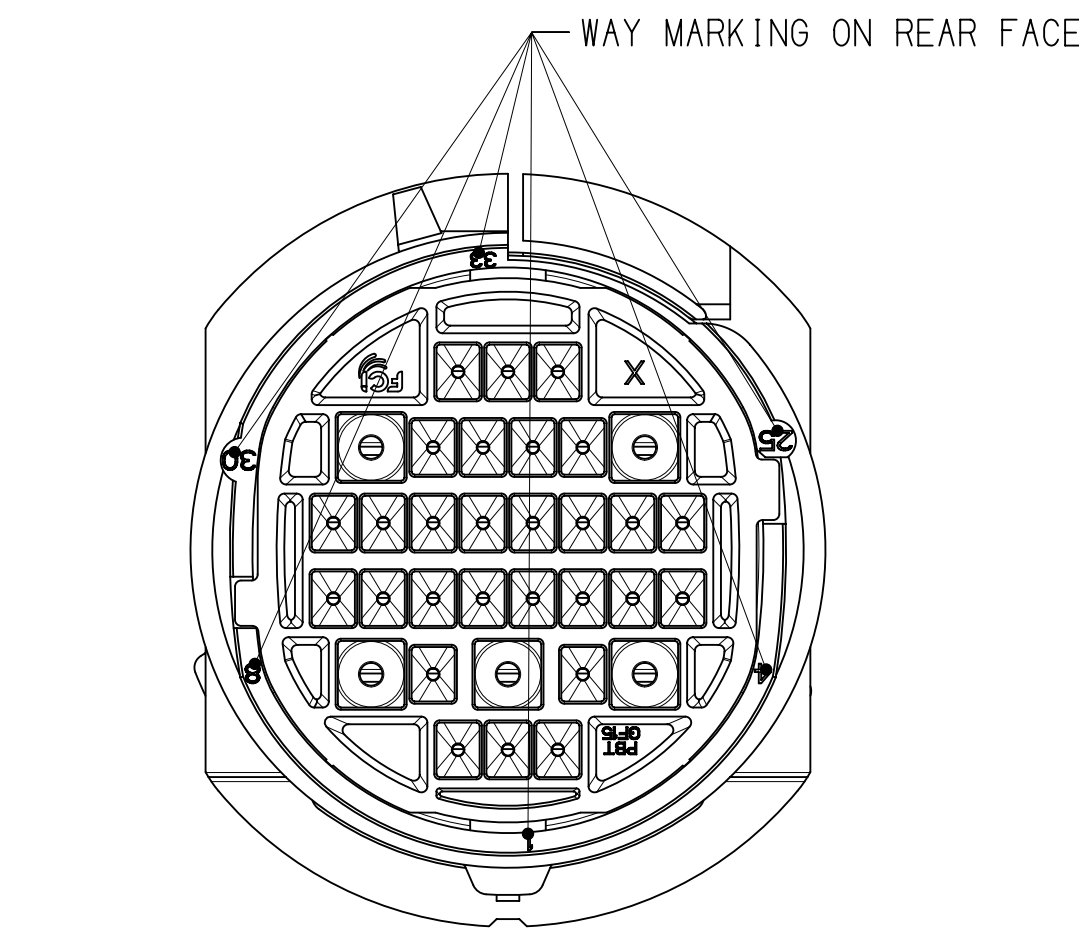
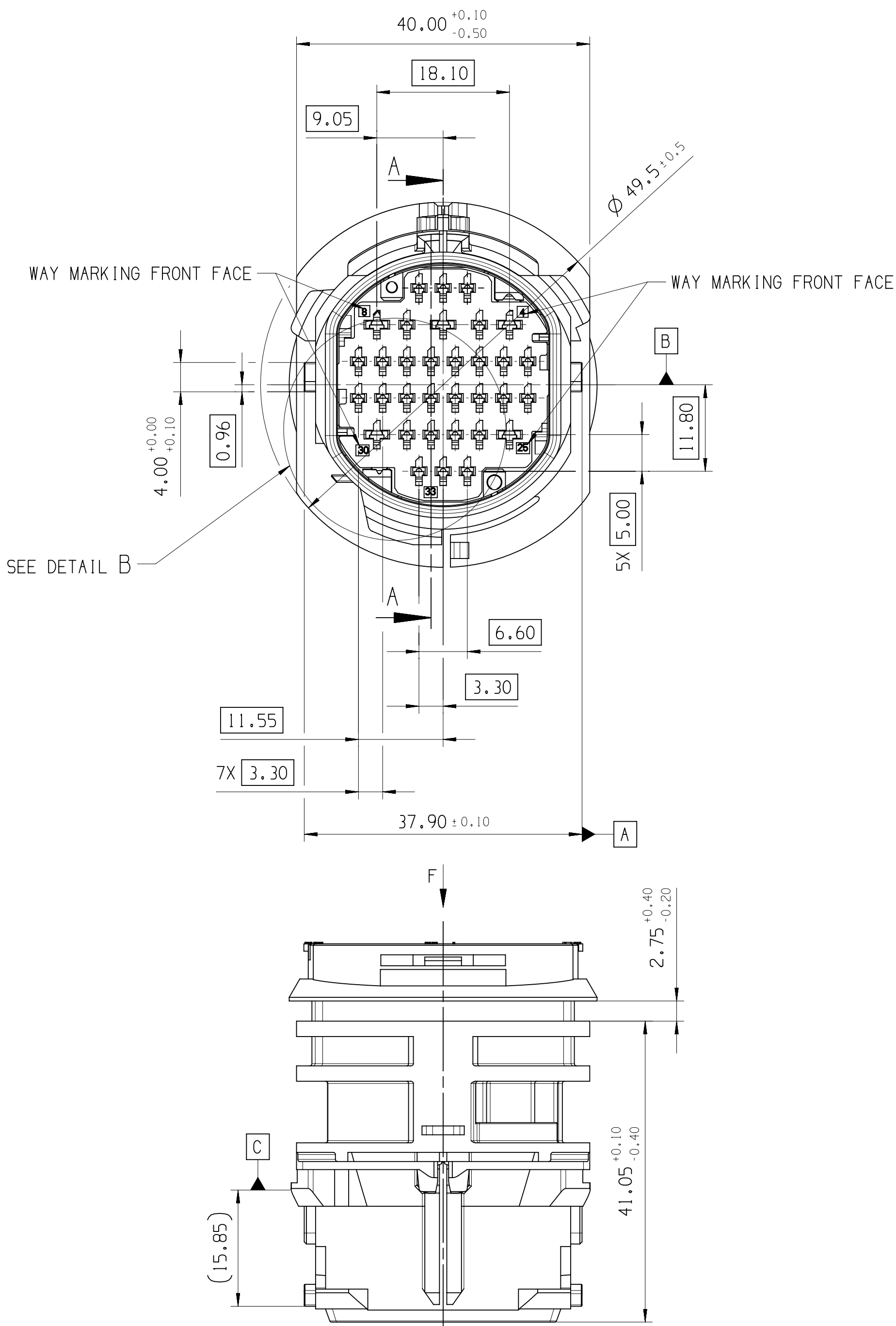
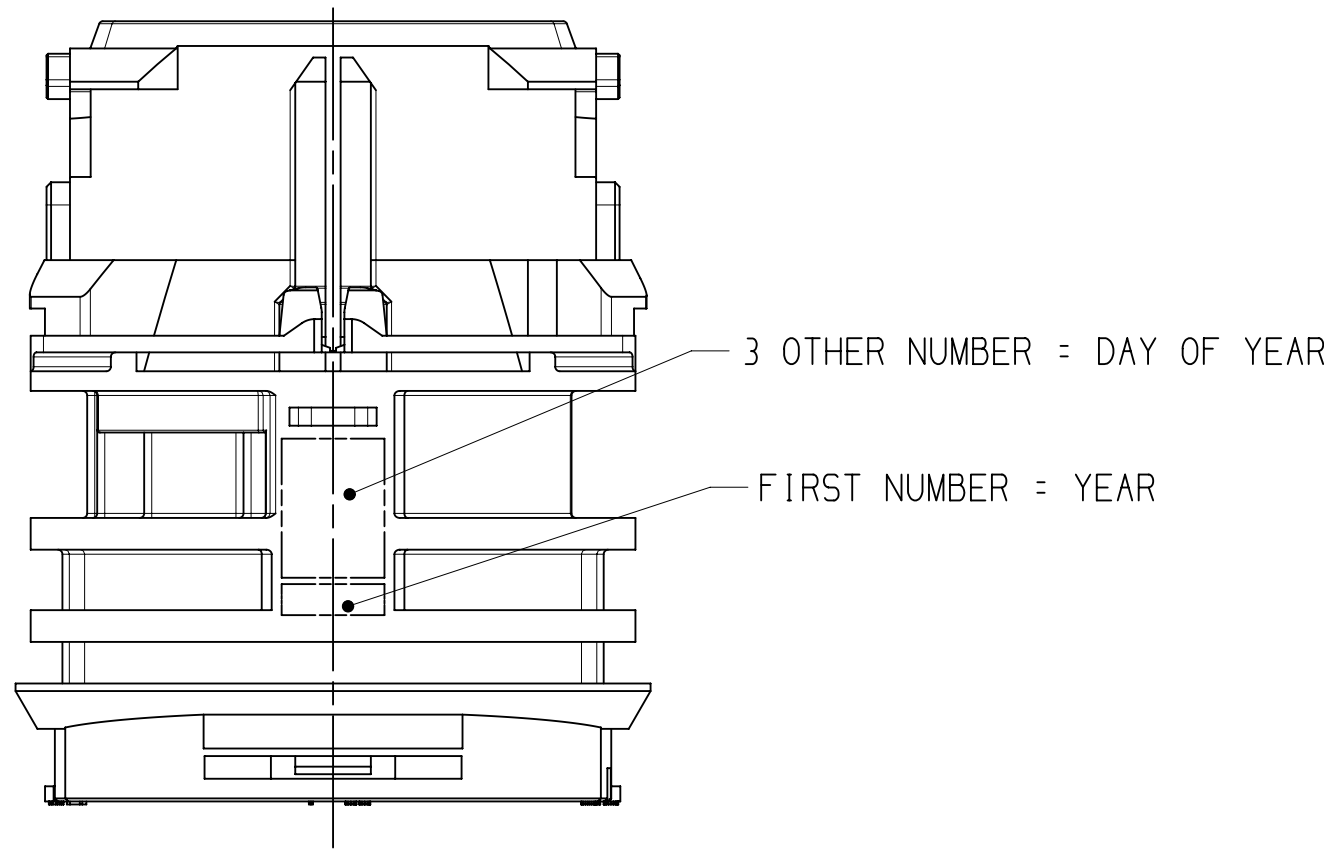


NOTE	16	15	14
1	SPECIFICATIONS		
2	MALE CONNECTOR ACCORDING TO APTIV SPECIFICATION: CA0E 0408/119		
3	MALE CONNECTOR ACCORDING TO: -TEMPERATURE CLASS T3 -ENGINE VIBRATOR CLASS V3 -SEALING CLASS E2		
4	USER'S MANUAL: PU123		
5	DELIVERY CONNECTOR WEIGHT : 38.5g		
6	NO WAFER HINGE OR WAFER HINGE BROKEN ALLOWED		
7	VISUAL DEFECTS ON NO FUNCTIONNAL AREAS ALLOWED		



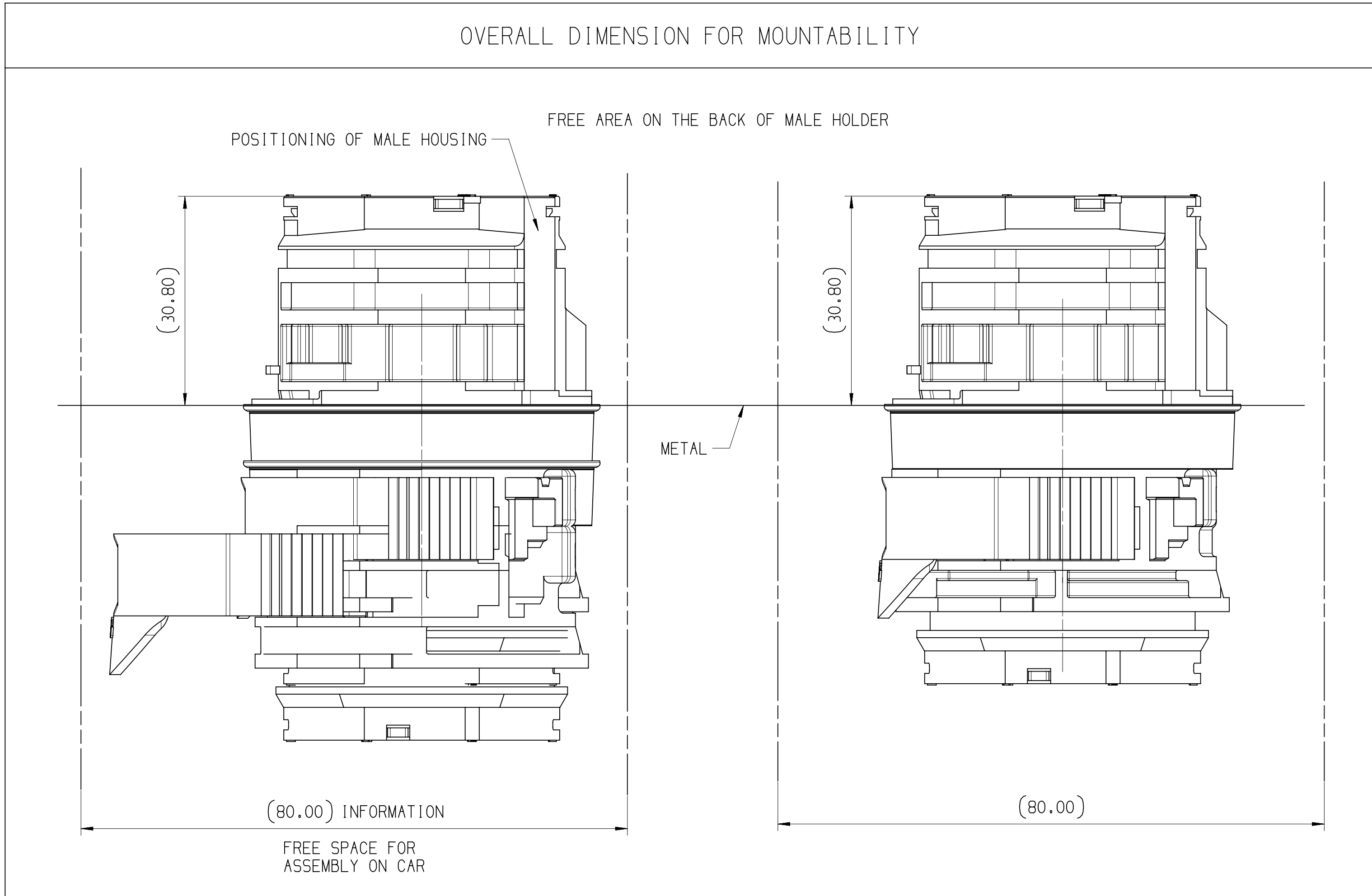
MARKING ASSEMBLY DATE



ASSOCIATED PARTS (FOR INFORMATION)			
	APTIV P/N	WIRE SECTION	DIAMETER OF WIRE SIZE
MALE TERMINAL 1.5	SEE DRAWING 10858056-CUS02	0.5mm² - 2 mm²	1.4mm - 2.8mm
MALE TERMINAL 2.8	TINNED : SEE DRAWING 10857554-CUS04 GOLDED : SEE DRAWING 10857924-CUS01	2.5mm² - 4 mm²	2.65mm - 3.9mm

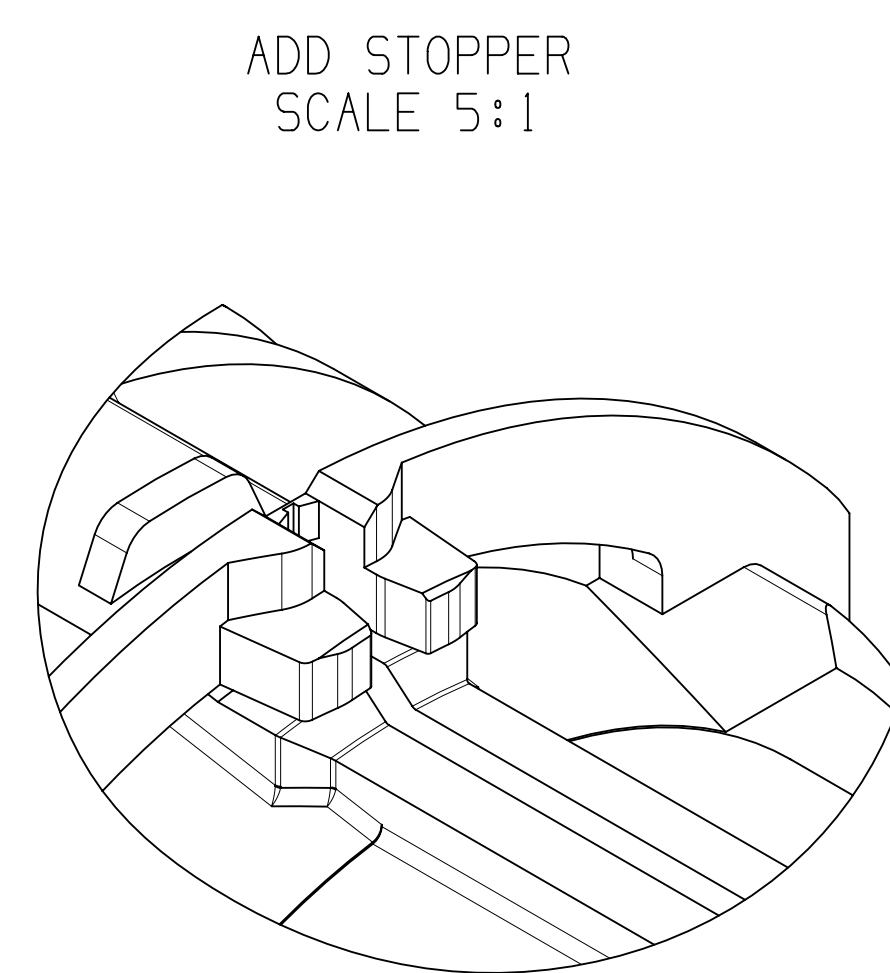
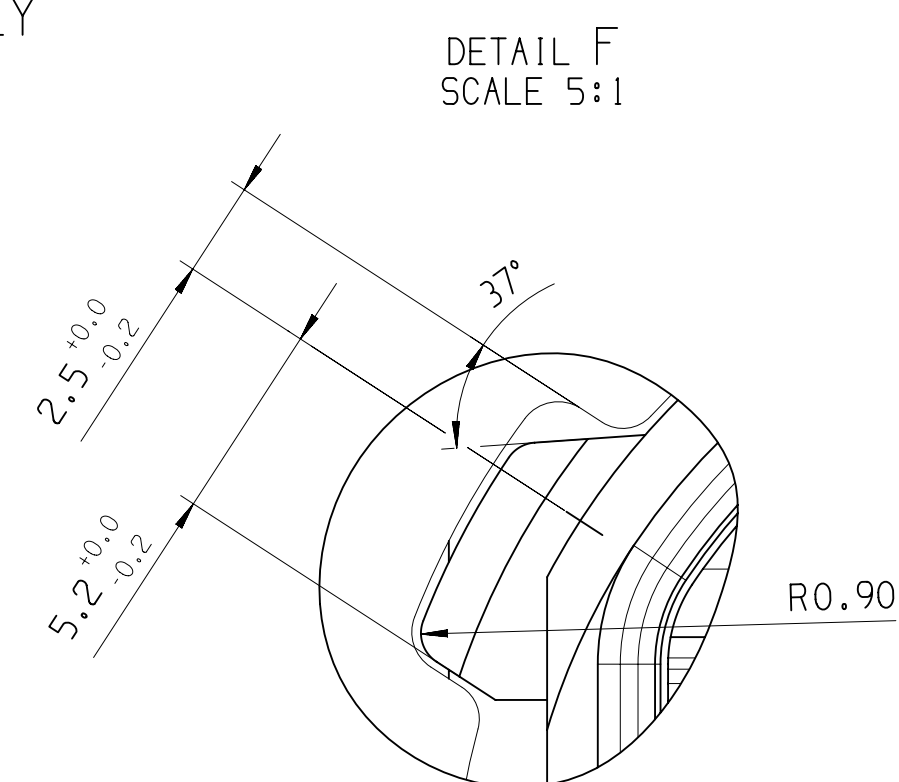
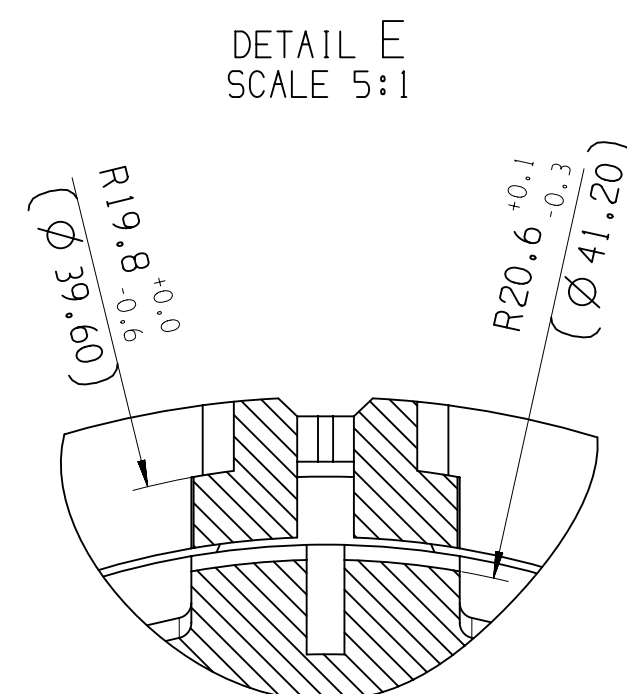
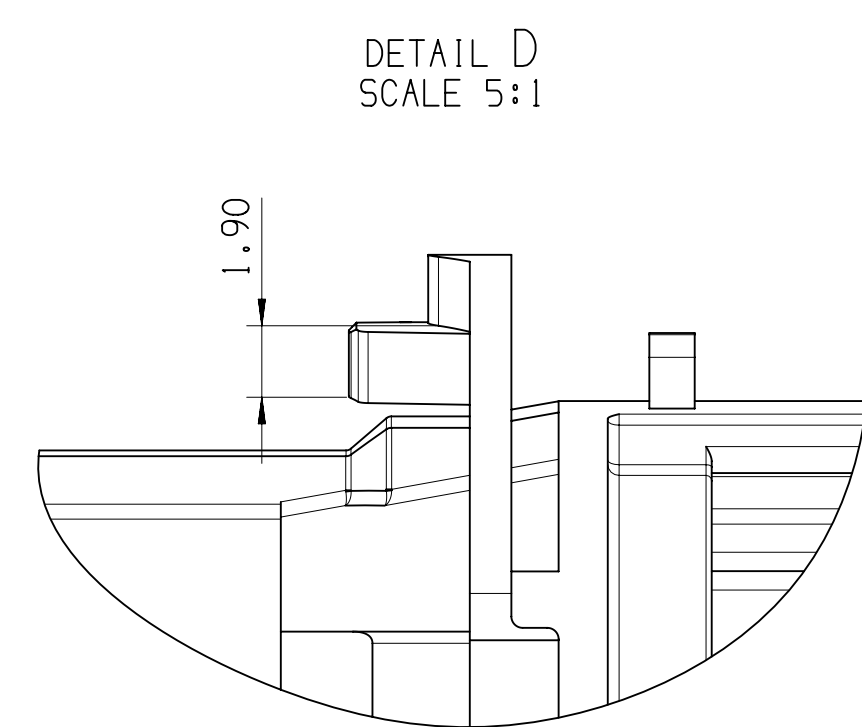
MALE CONNECTOR 33WAY	SECONDARY LOCK	C908300	33508811	PBT GF30	YELLOW
	PROTECTIVE GRID	C808300	33508787	PBT GF15	BROWN
	GROMMET	C689300	33503354	SYLICON RUBBER HARDNESS 20 Sh. A	BLUE
	REAR GRID	C018300	33514860	PBT GF15	BROWN
	MALE HOUSING	S538300	33527066	PA6.6 GF30	GREY
	MALE HOUSING	S318300	33507104	PA6.6 GF30	BLACK
DESCRIPTION		MVL PART NUMBER	APTIV PART NUMBER	MATERIAL	COLOR

MALE CONNECTOR 33WAY		
		VIEW F SCALE 1:1
GREY	BLACK	COLOR
F399300	F518300	MVL PART NUMBER
33513844	33503443	APTIV PART NUMBER
01	01	APTIV PART REVISION

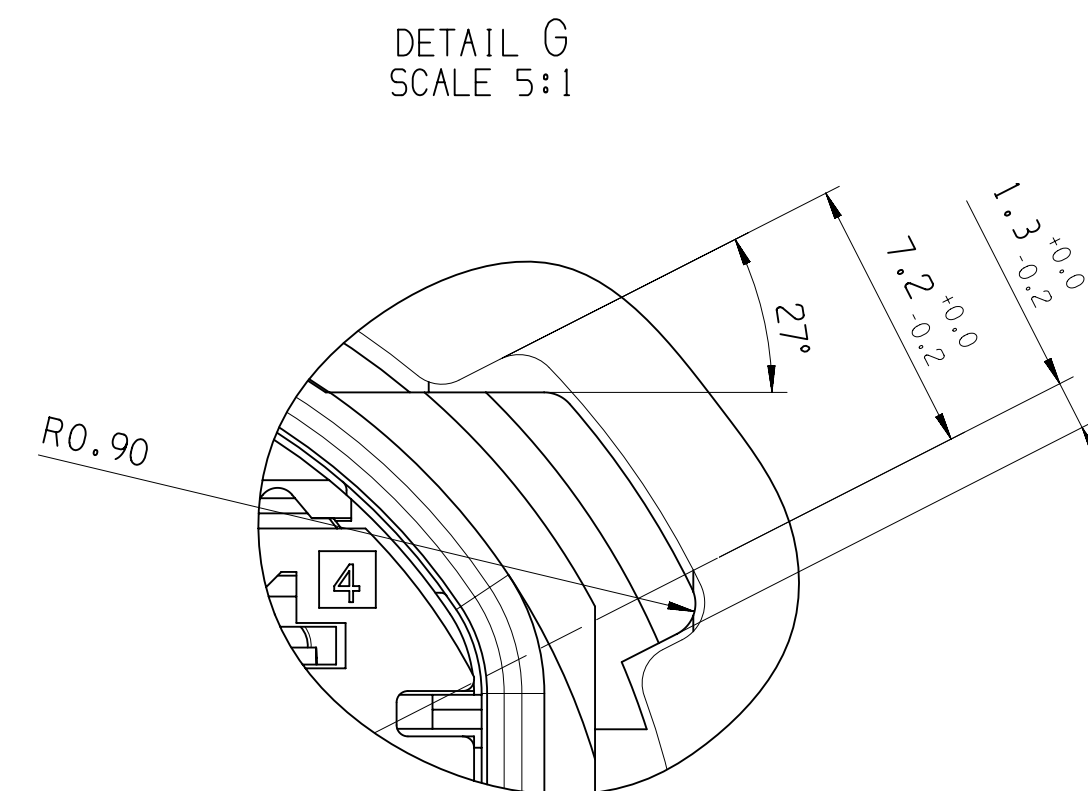
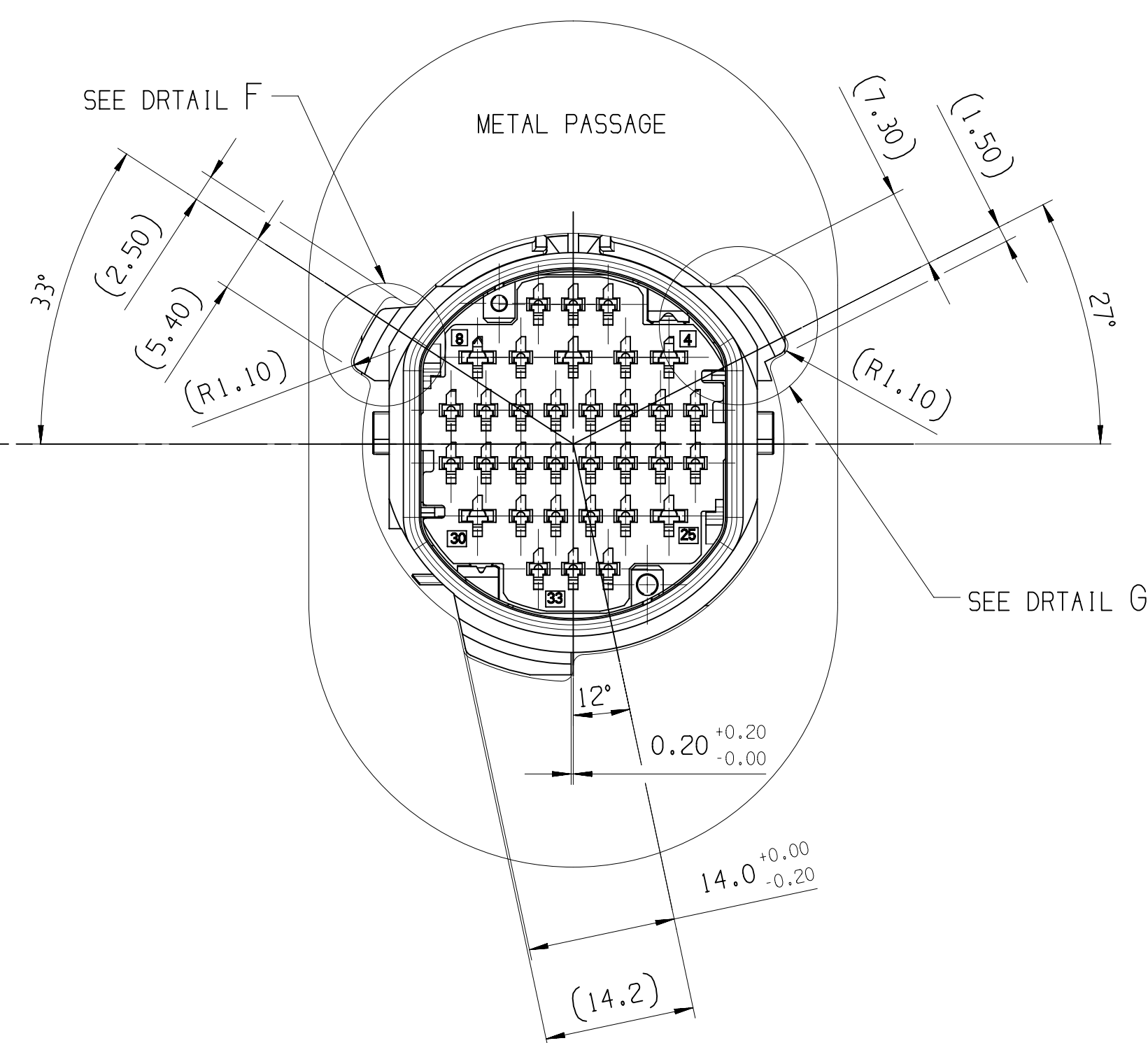
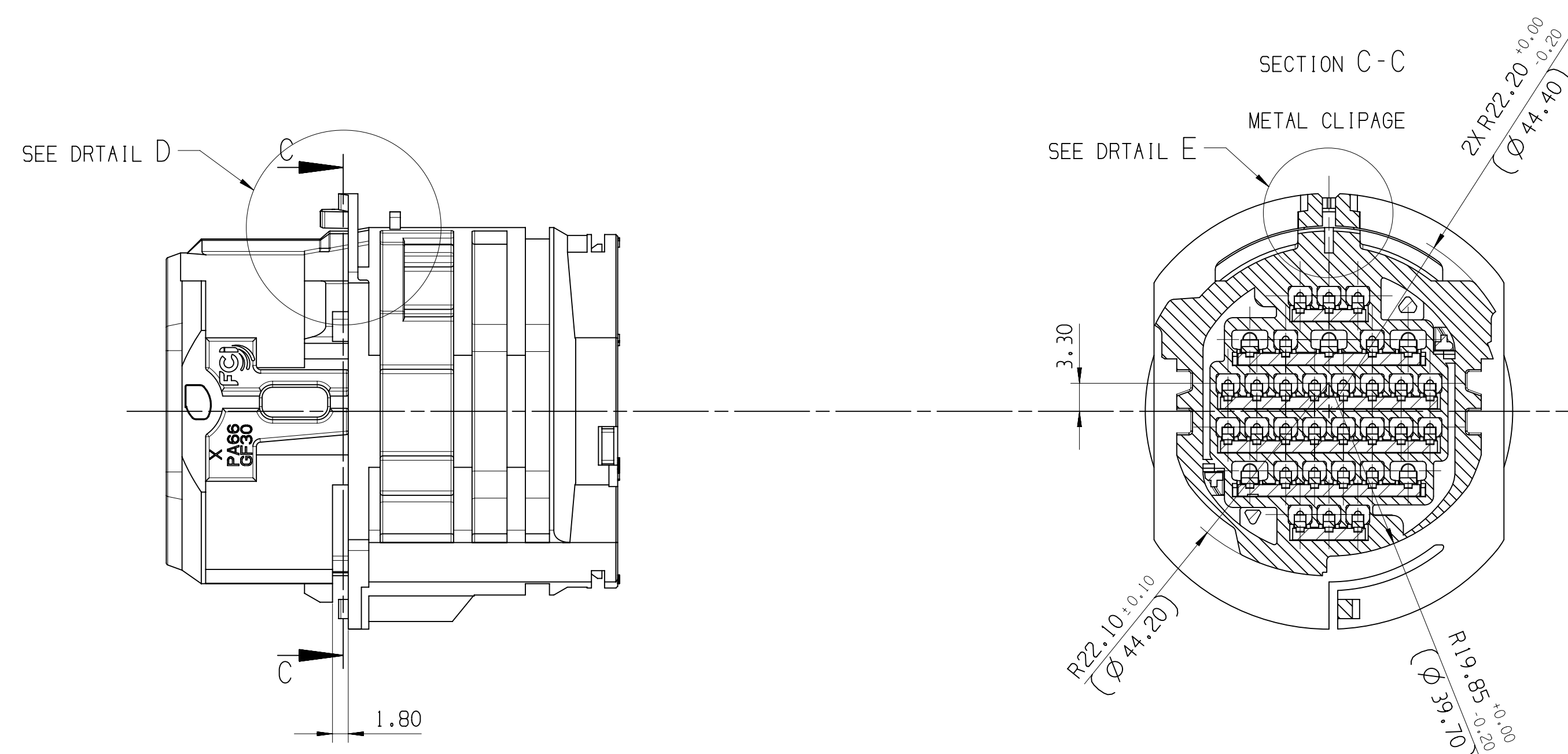


		DIMENSIONAL RANGE (MM)					TOLERANCE					CHART E	
DIM TO CHECK	FROM	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300	> 400		
() DIM FOR HELP		TOLERANCE UNLESS OTHERWISE SPECIFIED											
□ THEORETIC DIM		±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.5	±2		
ANGULAR TOLERANCE ±2°													

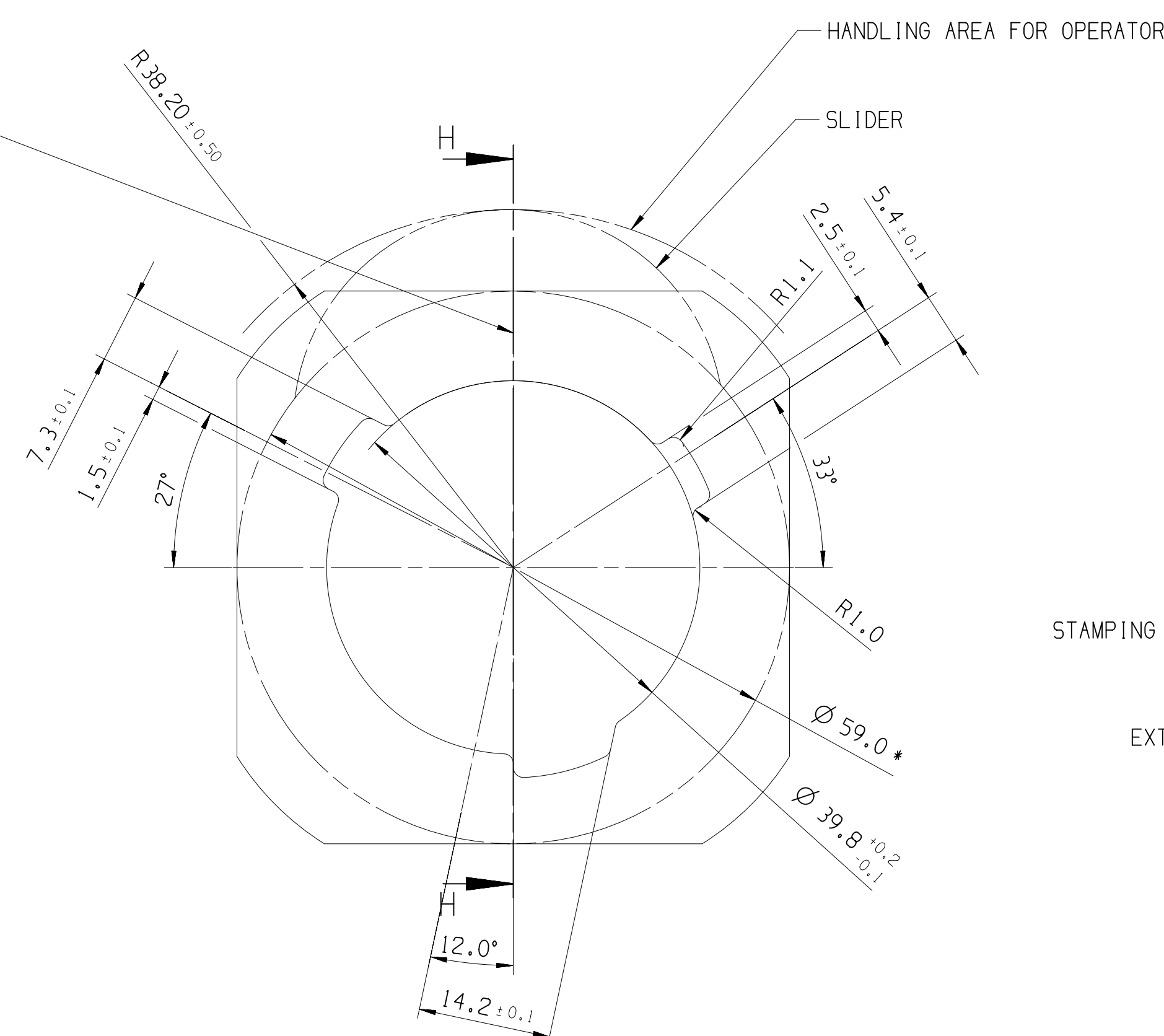
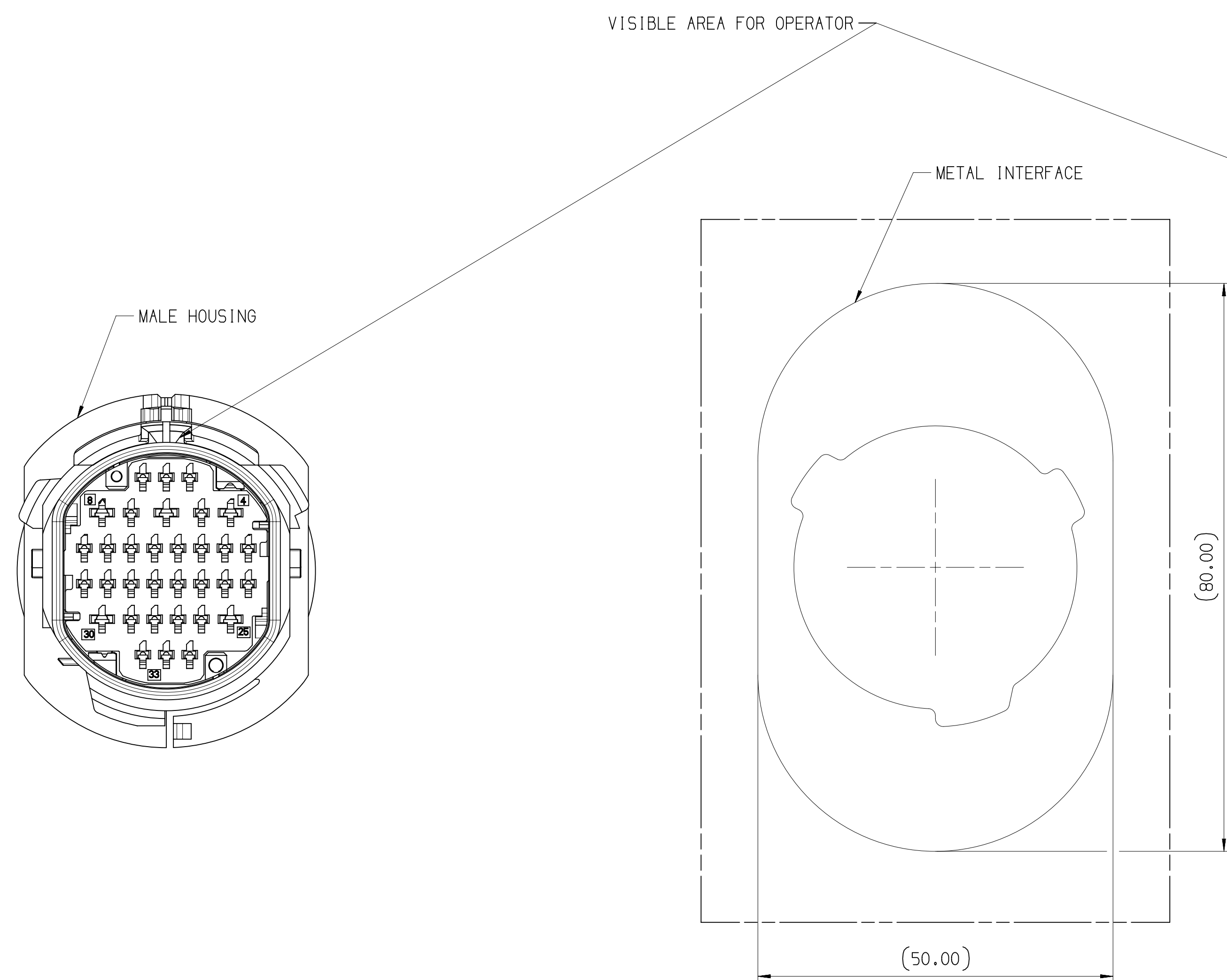
MALE HOUSING METAL PART ASSEMBLY



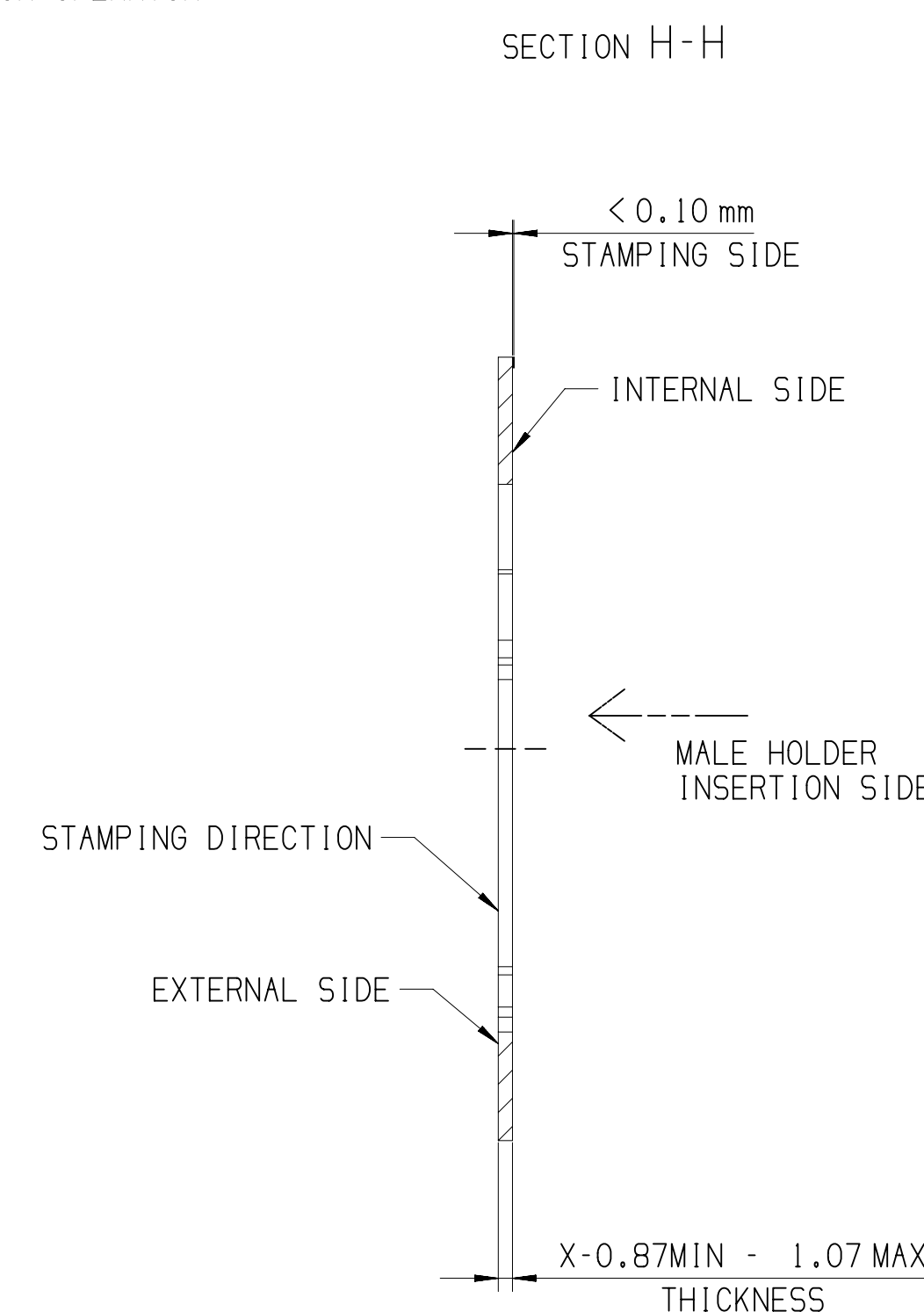
NOTE: SIDE BETWEEN (...) = SIDE METAL FOR INFO



DIMENSIONS OF THE COUNTERPART AND HANDLING AREAS



* CLEARANCE AREA FOR EXTERNAL GASKET, AFTER MATING OF MALE AND FEMALE HOLDER



NOTE: FIT DURING VALIDATION OF MIN / MAX WIRE CUT CALIBERS.
(MOUNTING ON SHEET WILL BE EASIER WITH A MINIMUM TRENDY THICKNESS)

		SHARP CORNER TOLERANCE									
☐ DIM TO CHECK	DIMENSIONAL RANGE (MM)										
	FROM	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300	CHART E
☐ DIM FOR HELP	TO	20	30	70	100	150	200	250	300	400	
TOLERANCE UNLESS OTHERWISE SPECIFIED											
☐ THEORETIC DIM		±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.5	
ANGULAR TOLERANCE ±2°											

DWG. TYPE PART DRAWING		DISTR. CODE D
WEIGHT (GR) SEE NOTE		
VOLUME (CM ³) ***		
ROUTING		

UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCE

SEE CHART

ISO 1101

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

REFERENCE

FIRST ANGLE PROJECT

7	4
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• **A P T I V** •

CONNECTION SYSTEM
Channel India

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APVD2	L.LECLERE	04NO20
APVD3		
APVD4		
APVD5		
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MATIERES PROSCRITES ET CONTENU RECYCLABLE SELON		
APTIV 10949001		

SEE TABLE

DRAWING NAME

33WAY MALE CONNECTOR

DRAWING NUMBER
2501525

[illegible]

A0	2:1	1 OF 1	2 OF 2	R	01
2		1			

Time: 16:57:24

PC: K25GTM
 #t: 3352 | 535-CUS02-502/01
 Date: 16-Nov-20