

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			D1	REVISED PER ECO-11-004835	11MAR11	RK	HMR

1. 20 POSITION CONNECTOR ASSEMBLY SHOWN.

2 MOLDED PARTS: THERMOPLASTIC, UL94V-0 RATED, COLOR BLUE.
CONTACTS: BERYLLIUM COPPER.

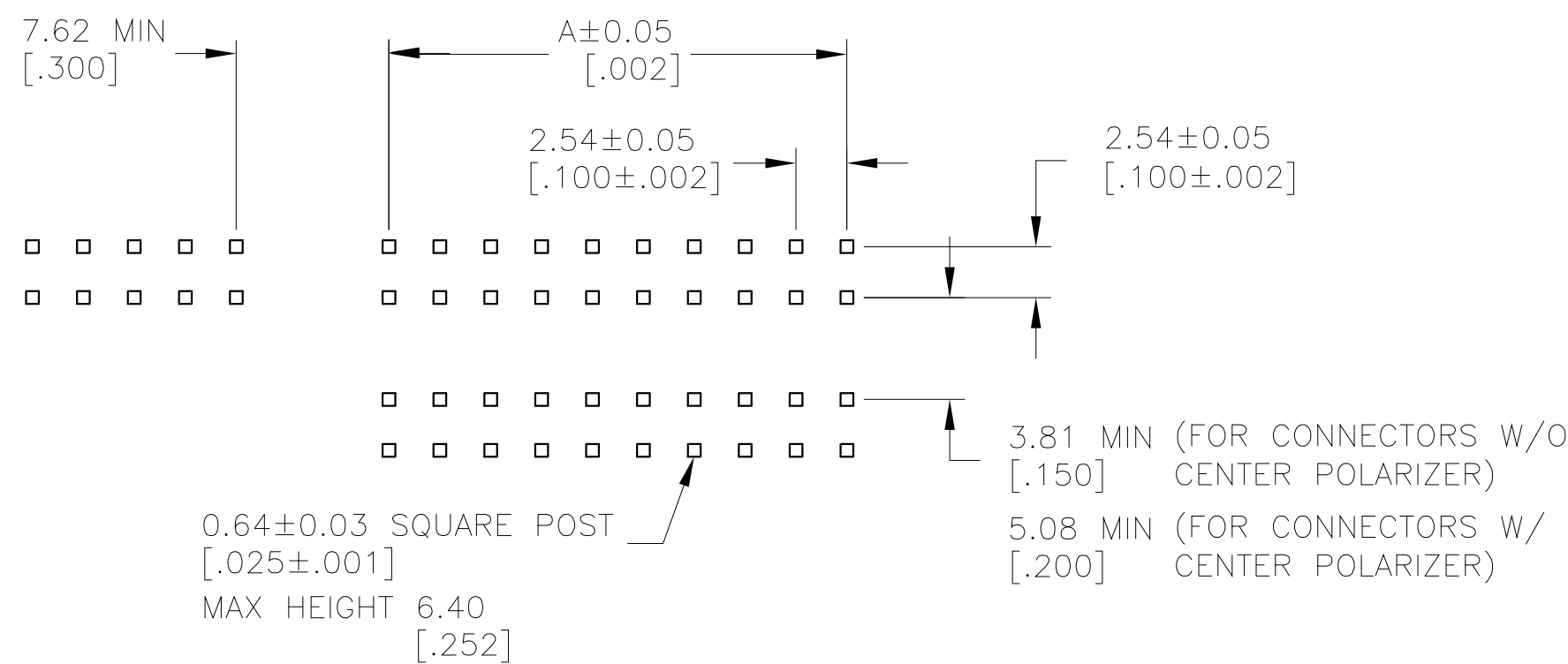
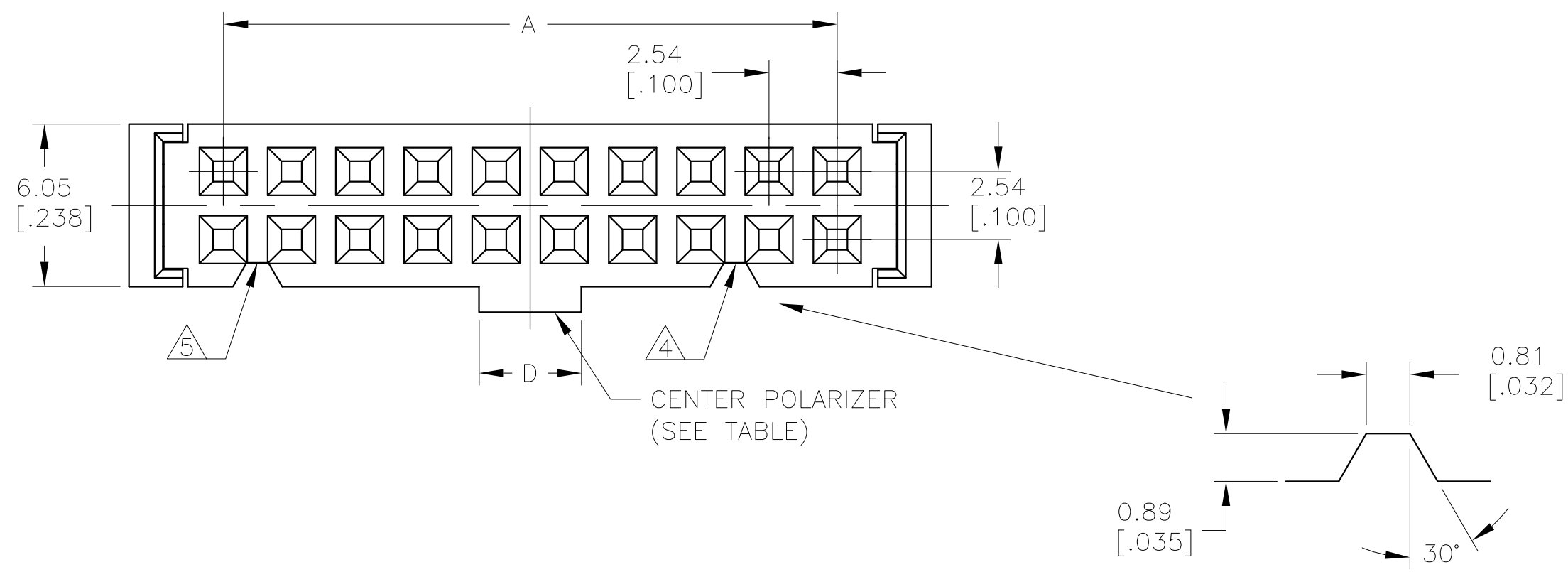
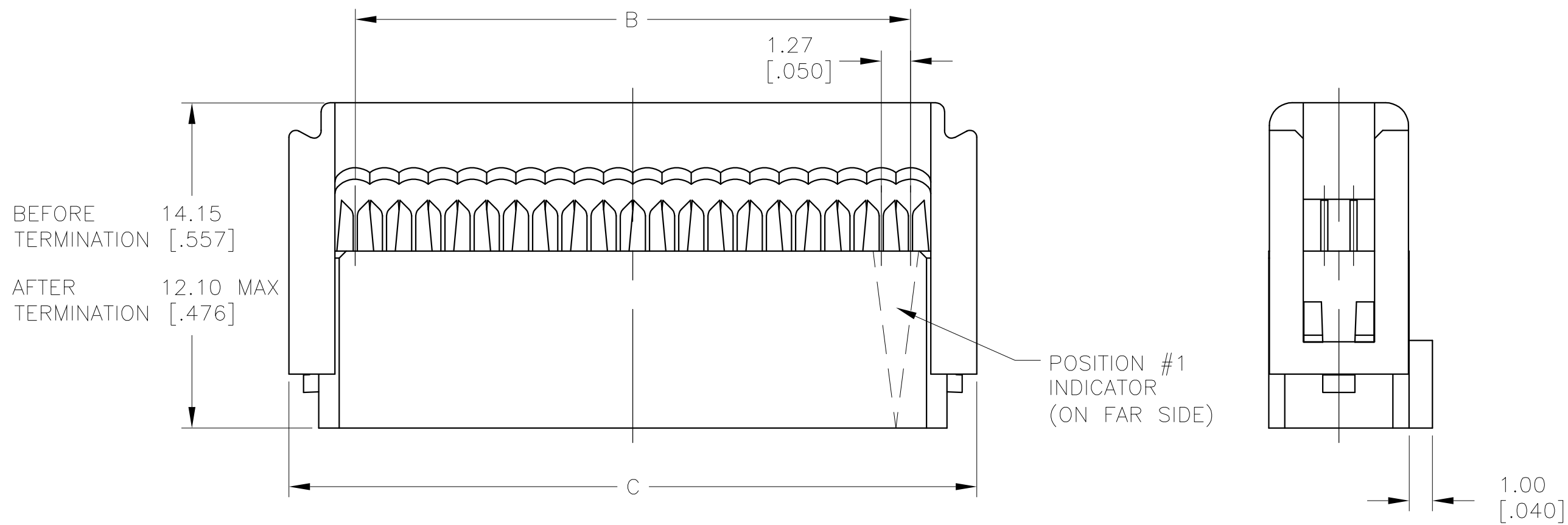
③ CONTACTS: 0.00076[.000030] MIN GOLD ON MATING AREA,
0.00254-0.00508[.000100-.000200] TIN OR GOLD FLASH ON TERMINATION END,
ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE CONTACT.

④ POLARIZER FEATURE DOES NOT EXIST ON POSITION #1 END FOR 14 POSITION ASSEMBLIES AND SMALLER.

△ POLARIZER FEATURE DOES NOT EXIST ON THIS END FOR
4 & 6 POSITION ASSEMBLIES.

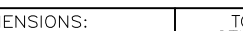
6. FOR TERMINATION OF 26 OR 28 AWG STRANDED OR SOLID PVC INSULATED FLAT RIBBON CABLE. SEE TYCO ELECTRONICS DRAWINGS 57034 (26 AWG) OR 57040 (28 AWG) FOR DETAILS.

 STRAIN RELIEF PACKAGED SEPARATELY AND SHIPPED WITH ASSEMBLY.



ELECTRICAL PROPERTIES	
CURRENT RATING	1 AMP
INSULATION RESISTANCE	>1 x 10 ⁹ OHMS @ 500 VDC
DWV	>500 VRMS AT SEA LEVEL
ENVIRONMENTAL PROPERTIES	
TEMPERATURE RATING	-55°C TO 125°C

	YES	YES	3.80[.150]	85.78[3.377]	80.01[3.150]	78.74[3.100]	64	622-6441LF	3-1658527-2	
	NO	YES	3.80[.150]	85.78[3.377]	80.01[3.150]	78.74[3.100]	64	622-6430LF	3-1658527-1	
OBSELETE	YES	YES	3.80[.150]	80.70[3.177]	74.93[2.950]	73.66[2.900]	60	622-6041LF	3-1658527-0	
OBSELETE	NO	YES	3.80[.150]	80.70[3.177]	74.93[2.950]	73.66[2.900]	60	622-6030LF	2-1658527-9	
OBSELETE	NO	YES	3.80[.150]	75.62[2.977]	69.85[2.750]	68.58[2.700]	56	622-5630LF	1-1658527-8	
	YES	YES	3.80[.150]	68.00[2.677]	62.23[2.450]	60.95[2.400]	50	622-5041LF	1-1658527-5	
	NO	YES	3.80[.150]	68.00[2.677]	62.23[2.450]	60.95[2.400]	50	622-5030LF	1-1658527-4	
OBSELETE	NO	NO	-	60.38[2.377]	54.61[2.150]	53.34[2.100]	44	622-4400LF	1-1658527-7	
	YES	YES	3.80[.150]	55.30[2.177]	49.53[1.950]	48.26[1.900]	40	622-4041LF	1-1658527-3	
	NO	YES	3.80[.150]	55.30[2.177]	49.53[1.950]	48.26[1.900]	40	622-4030LF	1-1658527-2	
	YES	YES	3.80[.150]	47.68[1.877]	41.91[1.650]	40.64[1.600]	34	622-3441LF	2-1658527-8	
	NO	YES	3.80[.150]	47.68[1.877]	41.91[1.650]	40.64[1.600]	34	622-3430LF	1-1658527-1	
	YES	YES	3.80[.150]	42.60[1.677]	36.83[1.450]	35.56[1.400]	30	622-3041LF	2-1658527-7	
	NO	YES	3.80[.150]	42.60[1.677]	36.83[1.450]	35.56[1.400]	30	622-3030LF	2-1658527-6	
	YES	YES	3.80[.150]	37.52[1.477]	31.75[1.250]	30.48[1.200]	26	622-2641LF	1-1658527-0	
	NO	YES	3.80[.150]	37.52[1.477]	31.75[1.250]	30.48[1.200]	26	622-2630LF	1658527-9	
	YES	YES	3.80[.150]	34.98[1.377]	29.21[1.150]	27.94[1.100]	24	622-2441LF	2-1658527-5	
	OBSELETE	NO	YES	3.80[.150]	34.98[1.377]	29.21[1.150]	27.94[1.100]	24	622-2430LF	2-1658527-4
	YES	YES	3.80[.150]	29.90[1.177]	24.13[.950]	22.86[.900]	20	622-2041LF	1658527-8	
	NO	YES	3.80[.150]	29.90[1.177]	24.13[.950]	22.86[.900]	20	622-2030LF	2-1658527-3	
	YES	YES	3.80[.150]	24.82[.977]	19.05[.750]	17.78[.700]	16	622-1641LF	1658527-7	
	NO	YES	3.80[.150]	24.82[.977]	19.05[.750]	17.78[.700]	16	622-1630LF	1658527-6	
	YES	YES	3.80[.150]	22.28[.877]	16.51[.650]	15.24[.600]	14	622-1441LF	2-1658527-2	
	NO	YES	3.80[.150]	22.28[.877]	16.51[.650]	15.24[.600]	14	622-1430LF	1658527-5	
	OBSELETE	YES	YES	3.80[.150]	19.74[.777]	13.97[.550]	12.70[.500]	12	622-1241LF	2-1658527-1
	NO	YES	3.80[.150]	19.74[.777]	13.97[.550]	12.70[.500]	12	622-1230LF	2-1658527-0	
	YES	YES	3.20[.126]	17.20[.677]	11.43[.450]	10.16[.400]	10	622-1041LF	1658527-4	
	NO	YES	3.20[.126]	17.20[.677]	11.43[.450]	10.16[.400]	10	622-1030LF	1658527-3	
OBSELETE	NO	NO	-	14.66[.577]	8.89[.350]	7.62[.300]	8	622-0800LF	1-1658527-6	
	YES	YES	1.90[.075]	12.12[.477]	6.35[.250]	5.08[.200]	6	622-0641LF	1-1658527-9	
	NO	YES	1.90[.075]	12.12[.477]	6.35[.250]	5.08[.200]	6	622-0630LF	1658527-2	
OBSELETE	NO	YES	1.90[.075]	9.58[.377]	3.81[.150]	2.54[.100]	4	622-0430LF	1658527-1	
	STRAIN RELIEF	CENTER POLARIZER	D	C	B	A	NUMBER OF POSITIONS	T&B PART NUMBER (REFERENCE)	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. J. GERACE 175EP04 CHK. C. RHODE 175EP04		 TE Connectivity	
DIMENSIONS: INCHES 		TO FRANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 0.1%[.005] 3 ANGLES ±		NAME: CONNECTOR ASSEMBLY, FEMALE SOCKET TRANSITION, 622 SERIES	
MATERIAL		APD: M. WALMSLEY 175EP04 PRODUCT SPEC APPLICATION SPEC		SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO:	
FINISH 		WEIGHT: — CUSTOMER DRAWING		A1 00779 © 1658527 SCALE: 10:1 SHEET 1 OF 1 REV D	
					