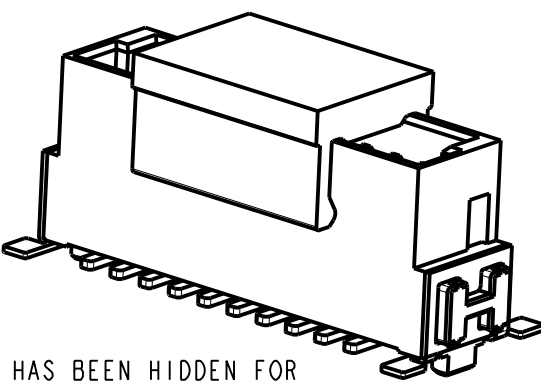
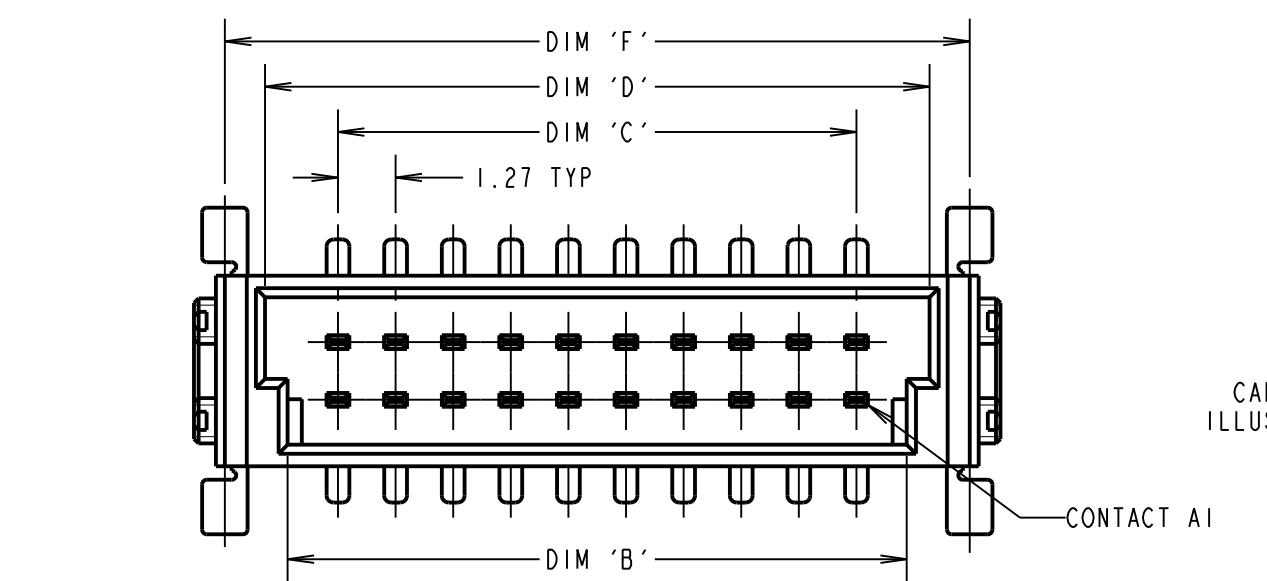


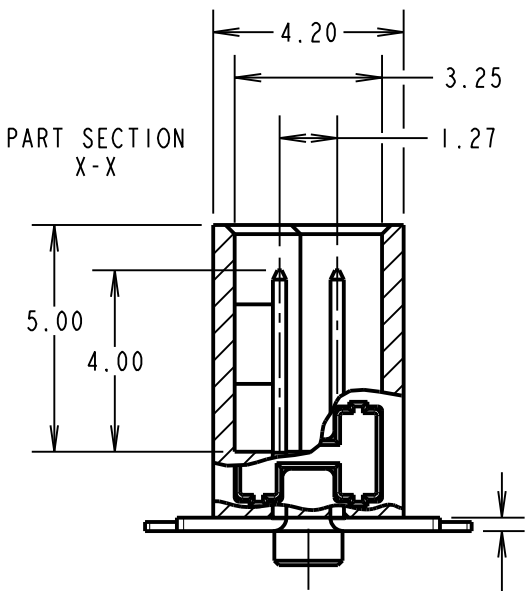
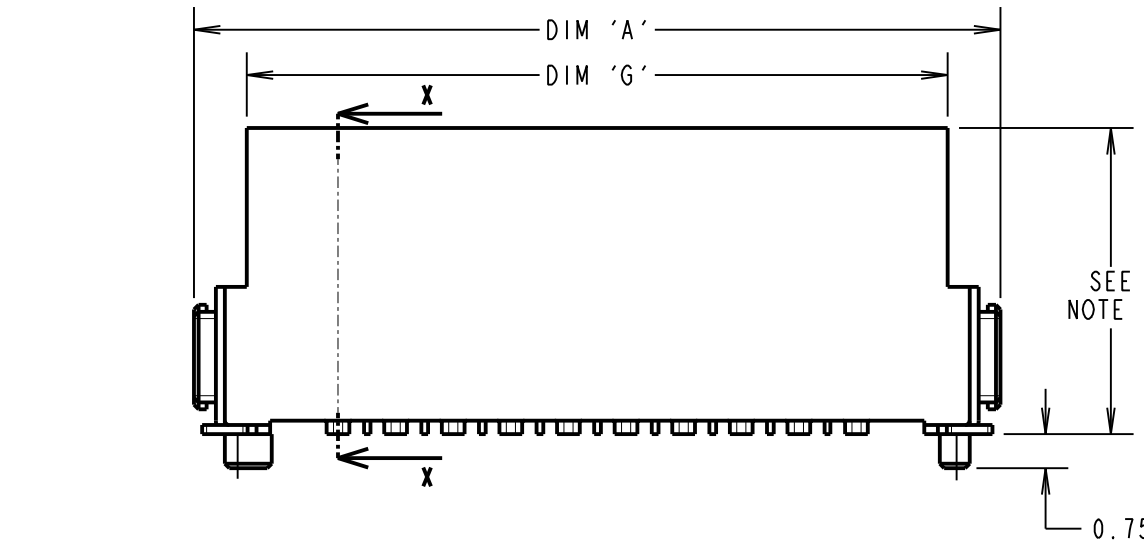
Customer Information Sheet

DRAWING No.: M55-70XXX42R IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



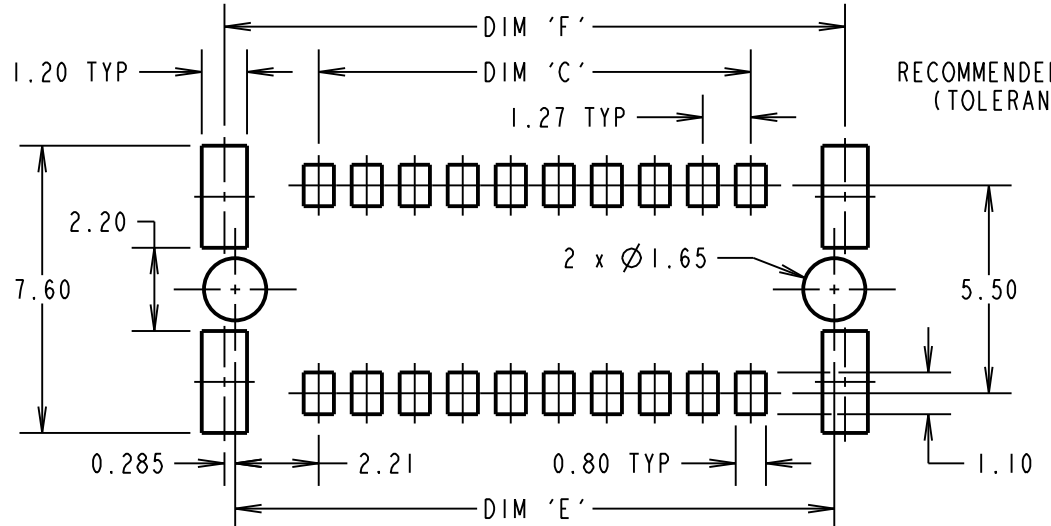
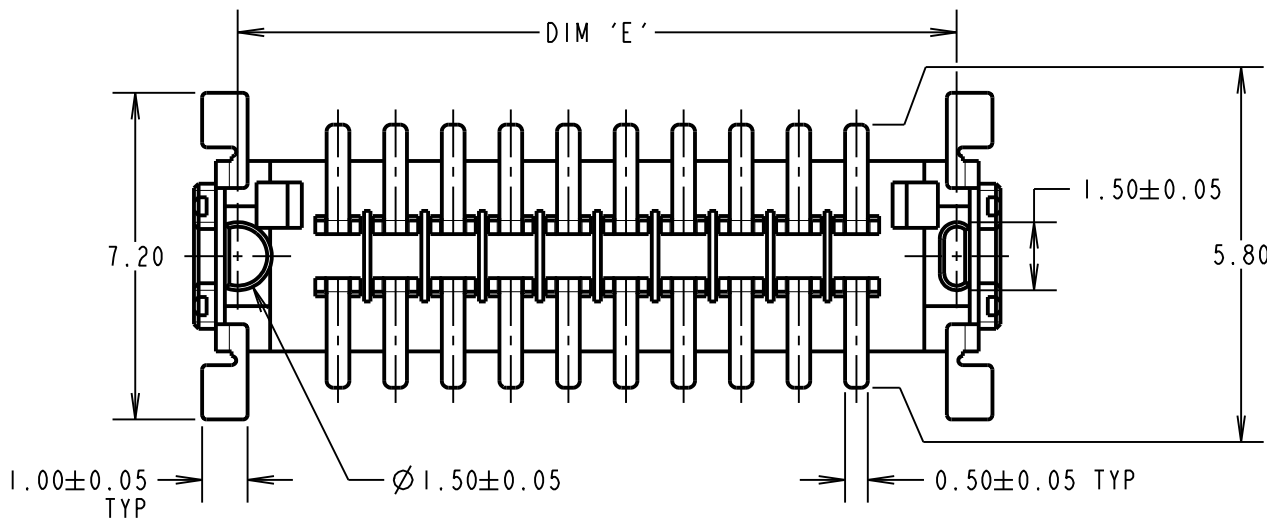
CAP HAS BEEN HIDDEN FOR ILLUSTRATION PURPOSES ONLY. SEE NOTE 1

PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'
M55-70X1242R	12.70	8.57	6.35	9.57	10.77	11.34	10.37
M55-70X1642R	15.24	11.11	8.89	12.11	13.31	13.88	12.91
M55-70X2042R	17.78	13.65	11.43	14.65	15.85	16.42	15.45
M55-70X2642R	21.59	17.46	15.24	18.46	19.66	20.23	19.26
M55-70X3242R	25.40	21.27	19.05	22.27	23.47	24.04	23.07
M55-70X4042R	30.48	26.35	24.13	27.35	28.55	29.12	28.15
M55-70X5042R	36.83	32.70	30.48	33.70	34.90	35.47	34.50
M55-70X6842R	48.26	44.13	41.91	45.13	46.33	46.90	45.93
M55-70X8042R	55.88	51.75	49.53	52.75	53.95	54.52	53.55



ORDER CODE:
M55-70XXX42R
CONNECTOR HEIGHT:
0 = 6.75mm
1 = 8.25mm
2 = 9.85mm
TOTAL No. OF CONTACTS:
12, 16, 20, 26,
32, 40, 50, 68, 80

SPECIFICATIONS:
MATERIAL:
MOULDING & CAP = HIGH TEMP, LCP, UL94V-0
CONTACT = PHOSPHOR BRONZE
RETAINING STRAP = BRASS
PLATING:
CONTACT = 0.025µm MIN GOLD OVER
2.03µm MIN NICKEL ON CONTACT AREA,
2.54µm MIN TIN OVER
1.27µm MIN NICKEL ON TAILS
RETAINING STRAP = 2.45µm MIN TIN OVER
1.01µm MIN NICKEL
ELECTRICAL:
CURRENT RATING = 1.2A MAX
CONTACT RESISTANCE = 25mΩ MAX
INSULATION RESISTANCE = 10GΩ MIN
VOLTAGE RATING = 100V AC
VOLTAGE PROOF = 500V AC FOR 1 MIN
MECHANICAL:
DURABILITY = 500 CYCLES
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C



RA	6	06.03.20	21558
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ALEXANDER	
CHECKED:		R.PORTLOCK	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:
1. SEE ORDER CODE AND SHEET 5 FOR CONNECTOR HEIGHT AND CAP DETAILS.
2. FOR TAPE AND REEL DETAILS, SEE SHEET 6.
3. ALL TOLERANCES ARE ±0.20, UNLESS OTHERWISE STATED.
4. COMPLETE SPECIFICATION PLEASE SEE COMPONENT SPECIFICATION C047XX (LATEST ISSUE).

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TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

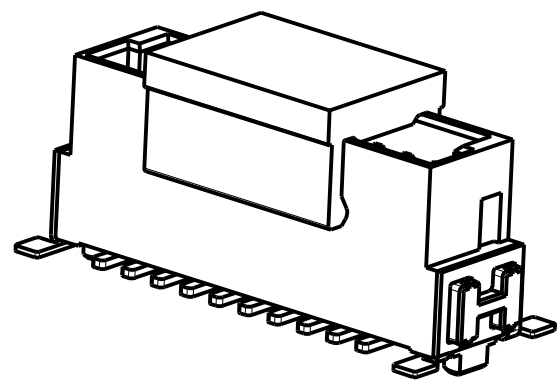
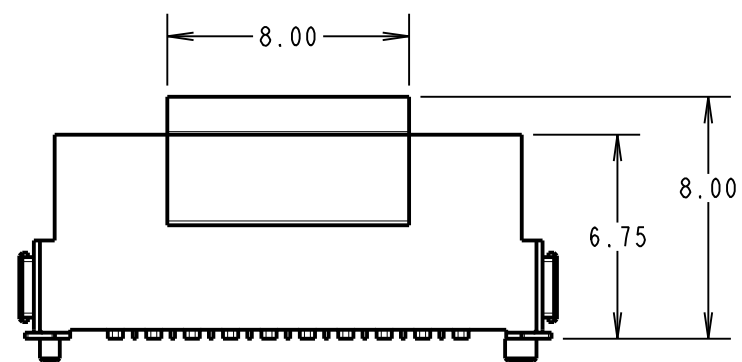
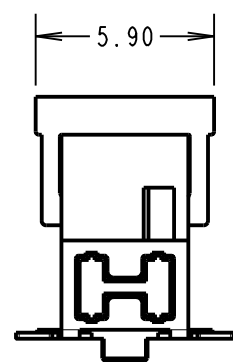
MATERIAL:	SEE ABOVE
FINISH:	SEE ABOVE
S/AREA:	mm ²

TITLE:	1.27mm PITCH VERTICAL MALE CONNECTOR
DRAWING NUMBER:	M55-70XXX42R
SHT	4 OF 6

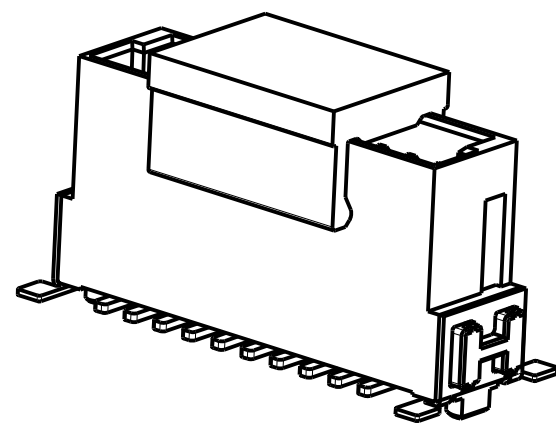
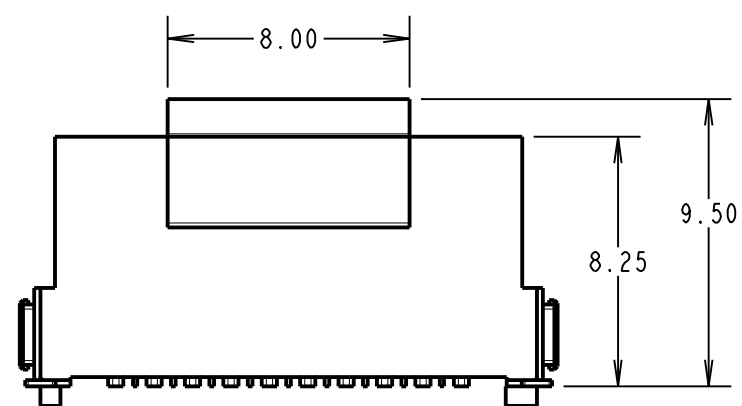
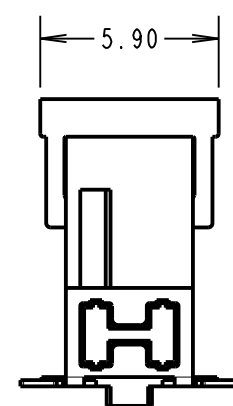
Customer Information Sheet

CONNECTOR HEIGHT DETAILS

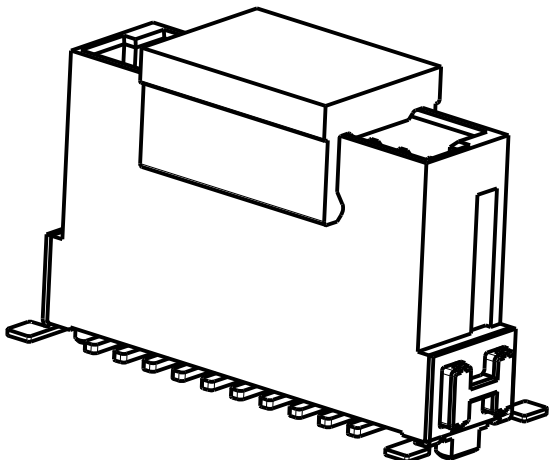
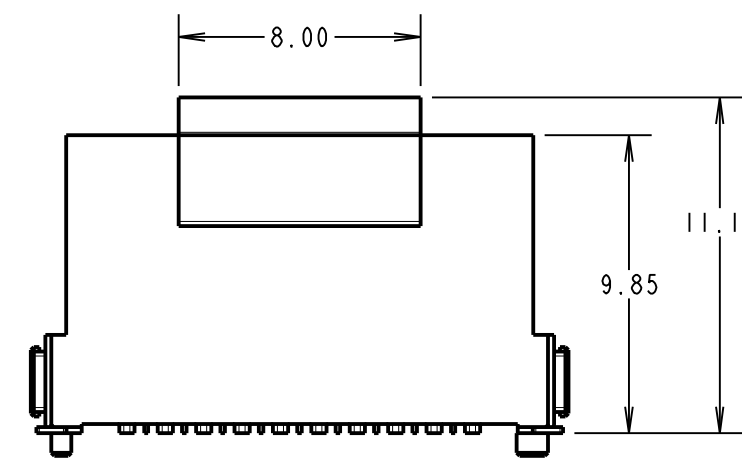
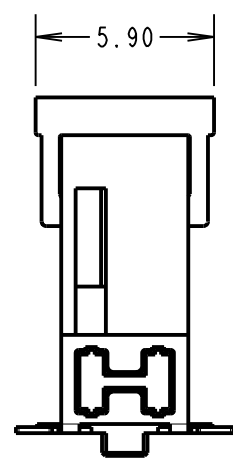
M55-700XX42R



M55-701XX42R



M55-702XX42R



RA	6	06.03.20	21558
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ALEXANDER	
CHECKED:		R.PORTLOCK	
DRAWN:		M.PERREN	
CUSTOMER REF.:			
ASSEMBLY DRG:			

NOTES:
1. ALL TOLERANCES ARE ± 0.20 , UNLESS OTHERWISE STATED.

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TOLERANCES
X = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
UNLESS STATED

MATERIAL:	SEE SHEET 4
FINISH:	SEE SHEET 4
S/AREA:	mm ²

TITLE:	1.27mm PITCH VERTICAL MALE CONNECTOR
DRAWING NUMBER:	M55-70XXX42R
SHT	5
OF	6

Customer Information Sheet

DRAWING No.: M55-70XXX42R

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

