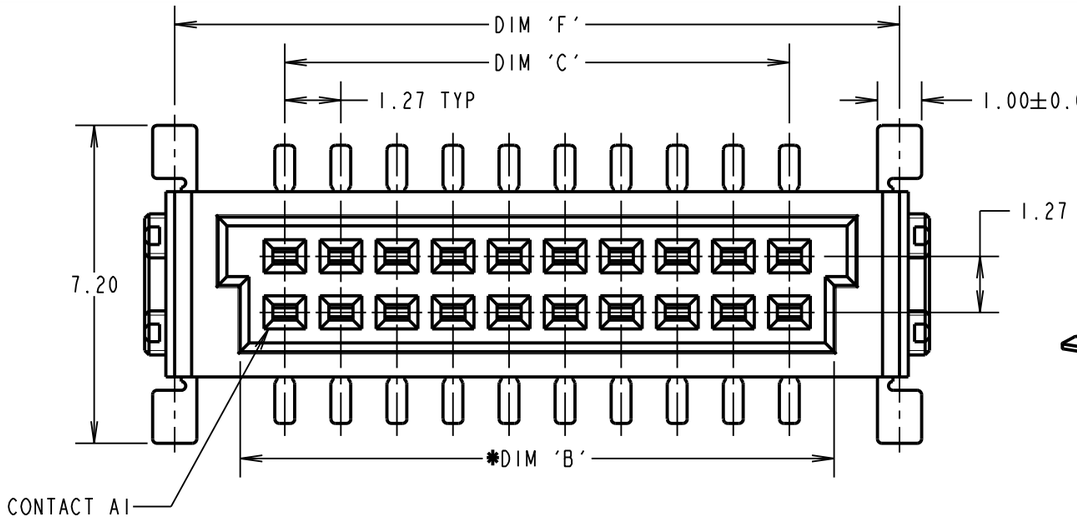
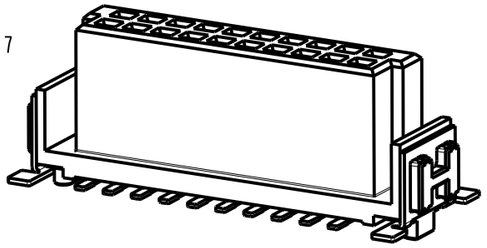
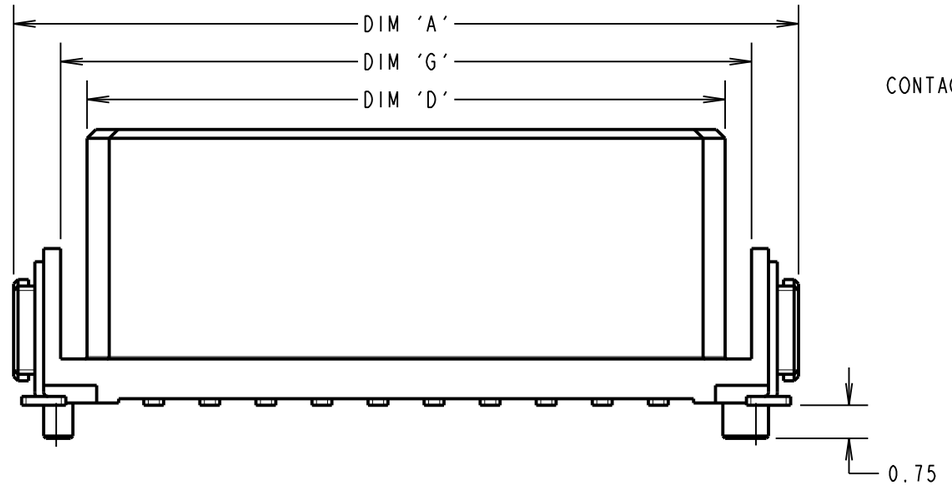
Customer Information Sheet

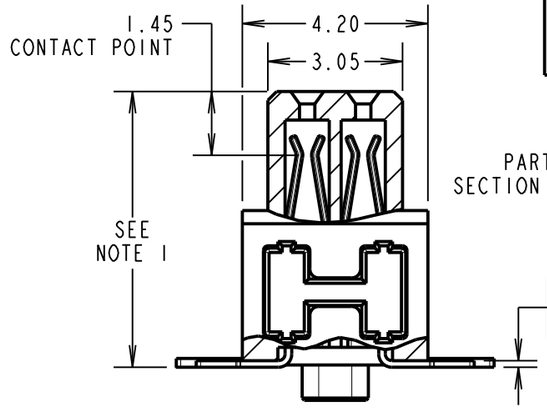
DRAWING No.: M55-60XXX42R	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm





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'
M55-60X1242R	12.70	8.37	6.35	9.37	10.77	11.34	10.57
M55-60X1642R	15.24	10.91	8.89	11.91	13.31	13.88	13.11
M55-60X2042R	17.78	13.45	11.43	14.45	15.85	16.42	15.65
M55-60X2642R	21.59	17.26	15.24	18.26	19.66	20.23	19.46
M55-60X3242R	25.40	21.07	19.05	22.07	23.47	24.04	23.27
M55-60X4042R	30.48	26.15	24.13	27.15	28.55	29.12	28.35
M55-60X5042R	36.83	32.50	30.48	33.50	34.90	35.47	34.70
M55-60X6842R	48.26	43.93	41.91	44.93	46.33	46.90	46.13
M55-60X8042R	55.88	51.55	49.53	52.55	53.95	54.52	53.75

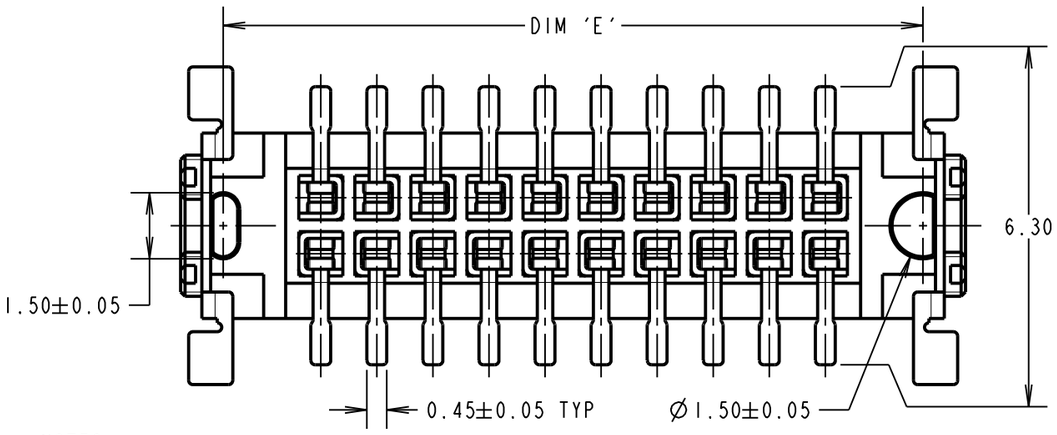
ORDER CODE:

M55-60XXX42R

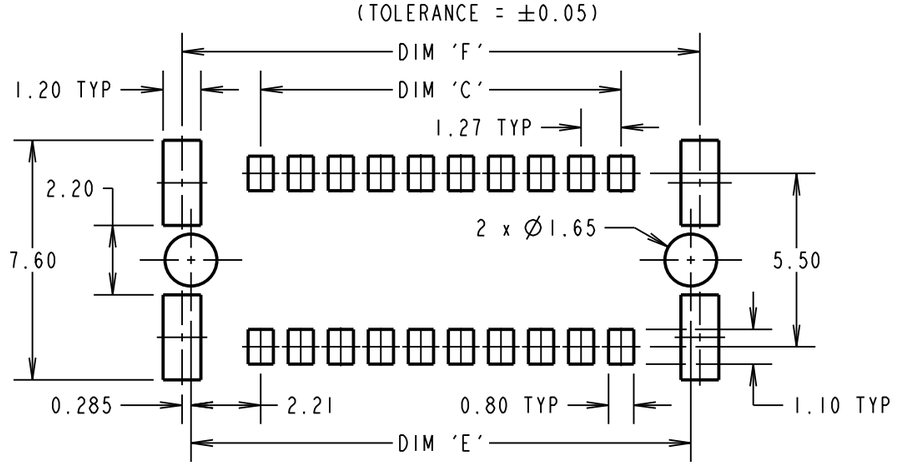
CONNECTOR HEIGHT:
0 = 6.25
1 = 9.05
2 = 13.65

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:
INSERTION FORCE = 0.8N MAX PER CONTACT
WITHDRAWAL FORCE = 0.2N MIN PER CONTACT
DURABILITY = 500 CYCLES
ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C



RECOMMENEDED PCB LAYOUT
(TOLERANCE = ±0.05)



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. FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C047XX (LATEST ISSUE).

RA	6	06.03.20	21558
NAME	ISS.	DATE	C/NOTE

APPROVED: R.ALEXANDER
CHECKED: R.PORTLOCK
DRAWN: M.PERREN
CUSTOMER REF.:
ASSEMBLY DRG:

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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: mm²

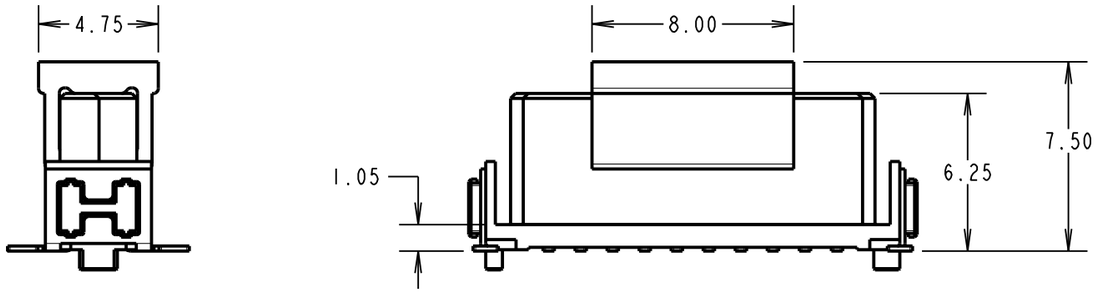
TITLE: 1.27mm PITCH VERTICAL FEMALE CONNECTOR
DRAWING NUMBER: M55-60XXX42R
SHT 4 OF 6

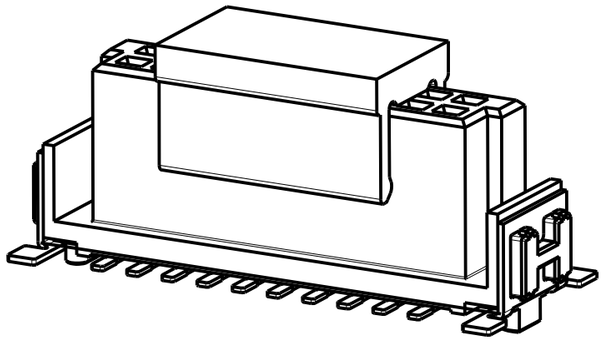
Customer Information Sheet

DRAWING No.: M55-60XXX42R	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

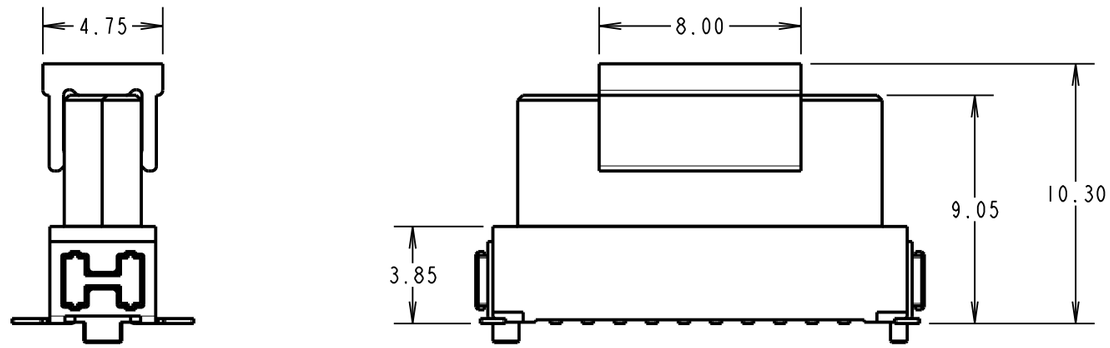
CONNECTOR HEIGHT DETAILS

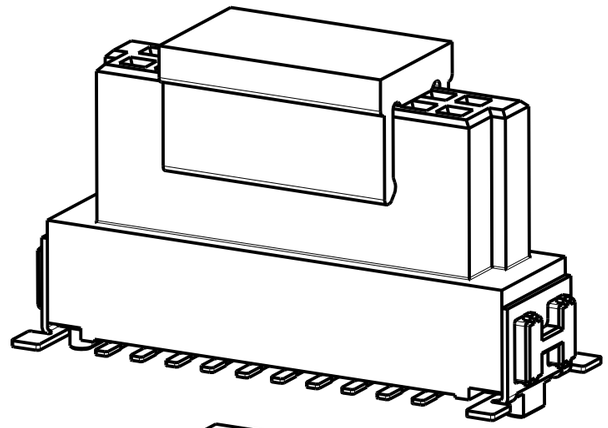
M55-600XX42R



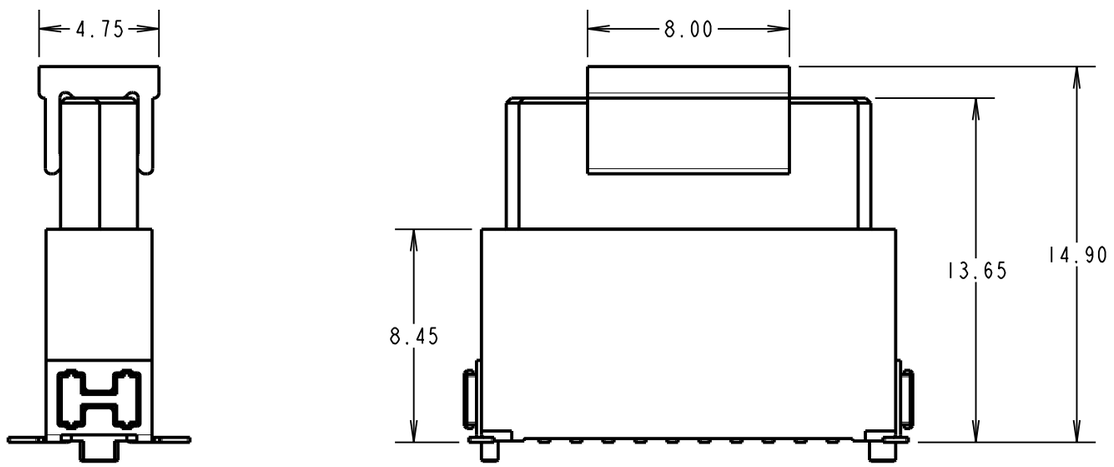


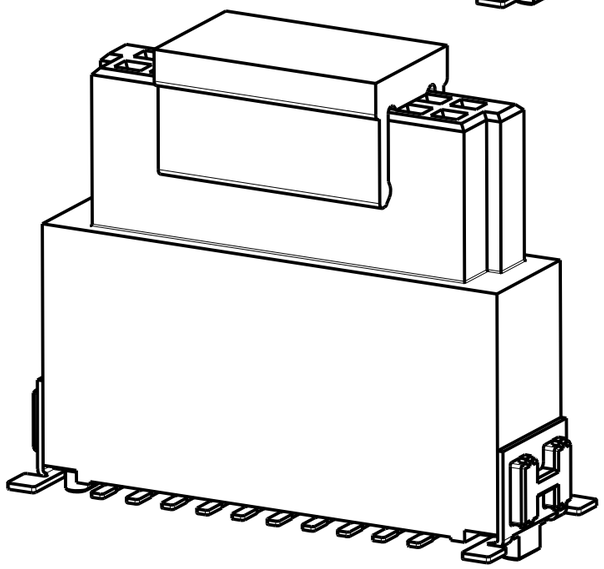
M55-601XX42R





M55-602XX42R





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

MATERIAL: SEE SHEET 4

FINISH: SEE SHEET 4

S/AREA: mm²

TITLE: 1.27mm PITCH VERTICAL FEMALE CONNECTOR

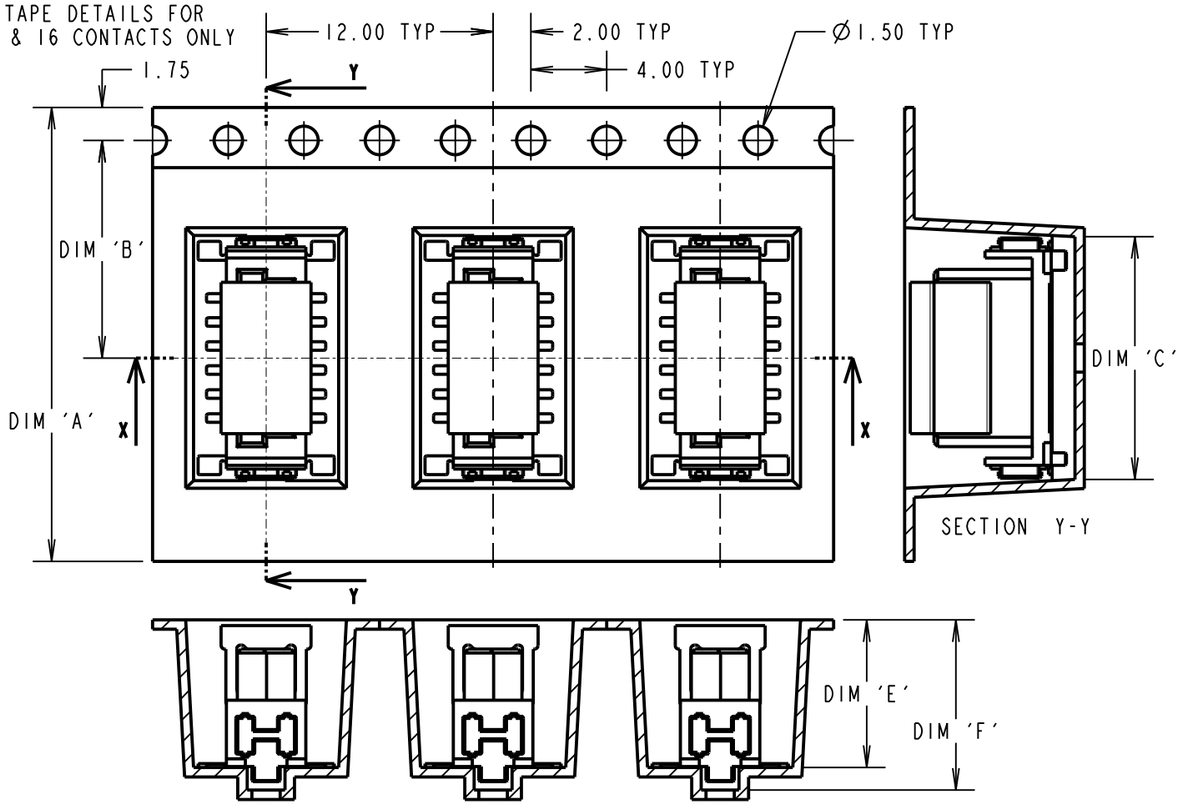
DRAWING NUMBER: M55-60XXX42R

SHT 5 OF 6

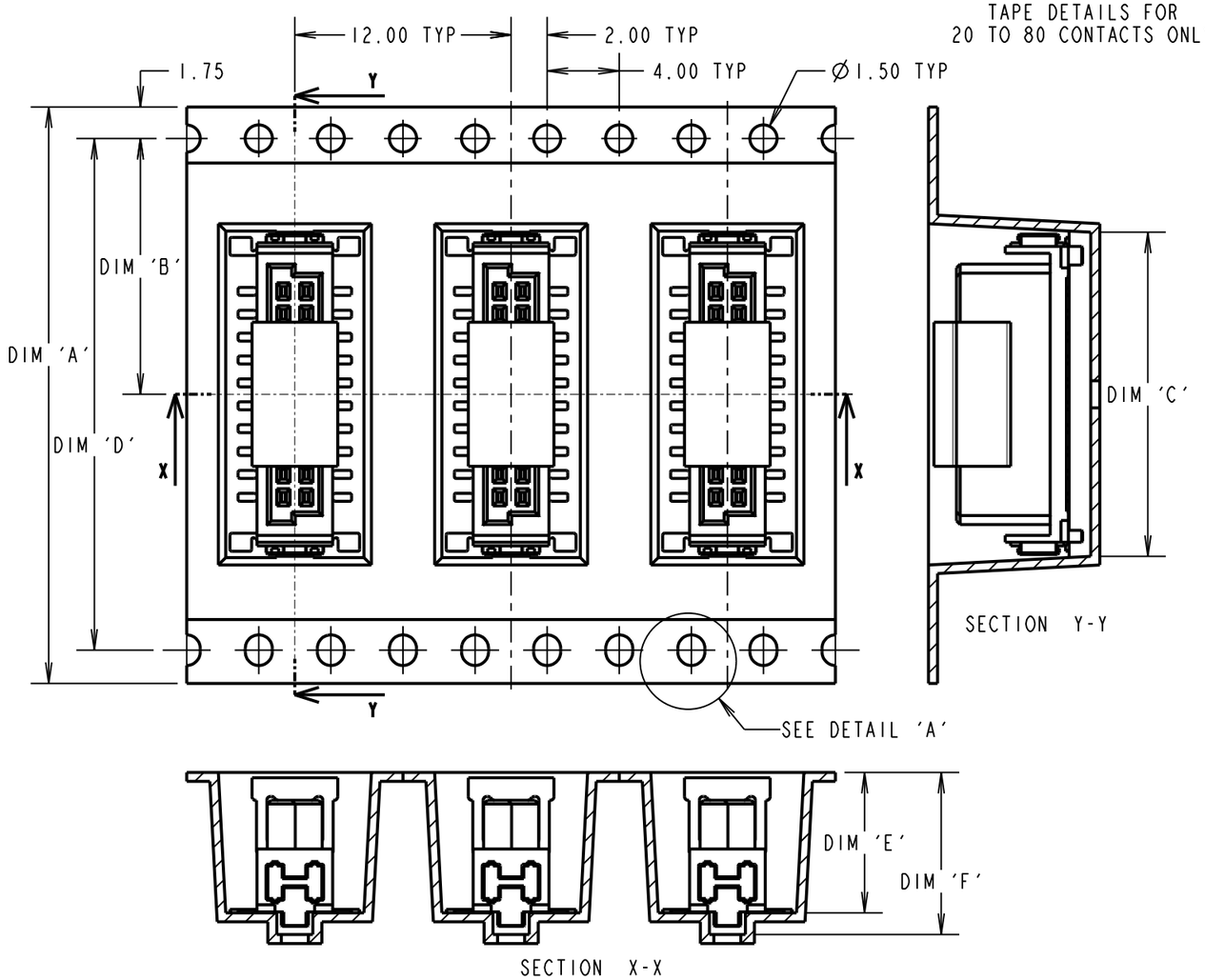
Customer Information Sheet

DRAWING No.: M55-60XXX42R	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

TAPE DETAILS FOR
12 & 16 CONTACTS ONLY



TAPE DETAILS FOR
20 TO 80 CONTACTS ONLY

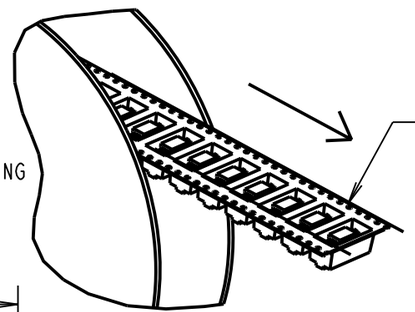


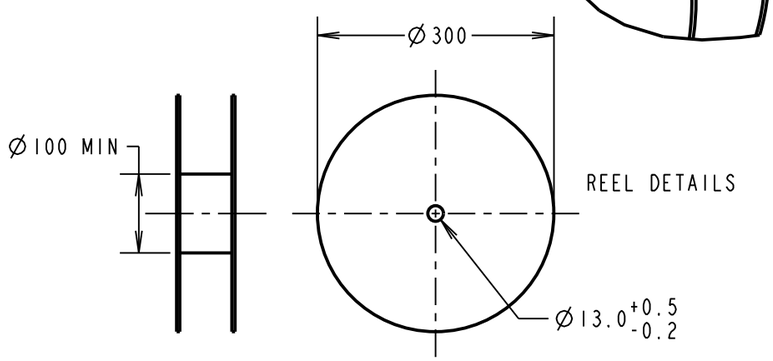
ORDER CODE:

M55-60XXX42R

CONNECTOR HEIGHT:
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2 = 13.65

TOTAL No. OF CONTACTS:
12, 16, 20, 26,
32, 40, 50, 68, 80





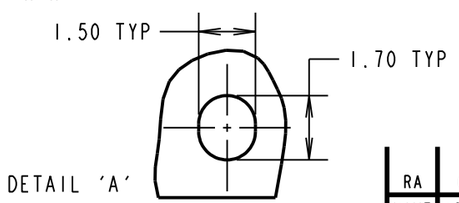


TABLE 1				
PART No.	DIMENSION			
	DIM 'A' ±0.30	DIM 'B'	DIM 'C' ±0.15	DIM 'D'
M55-60X1242R	24.00	11.50	12.90	N/A
M55-60X1642R				
M55-60X2042R	32.00	14.20	18.00	28.40
M55-60X2642R	44.00	20.20	21.79	40.40
M55-60X3242R				
M55-60X4042R				
M55-60X5042R	56.00	26.20	37.03	52.40
M55-60X6842R	72.00	34.20	48.46	68.40
M55-60X8042R			56.08	

TABLE 2			
PART No.	DIMENSION		PACK QTY
	DIM 'E'	DIM 'F'	
M55-600XX42R	7.8	9.0	550
M55-601XX42R	10.6	11.7	400
M55-602XX42R	15.2	16.4	200

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. PRODUCT IS TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
2. FOR CONNECTOR DETAILS, SEE SHEET 4 & 5.

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X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE SHEET 4
FINISH: SEE SHEET 4
S/AREA: mm²

TITLE: 1.27mm PITCH VERTICAL FEMALE CONNECTOR

DRAWING NUMBER: M55-60XXX42R

SHT 6 OF 6