



STACKING HT	PART NO.	
	FEMALE	MALE
1.50mm	M402F1-XX	M402M1-XX
2.00mm	M402F2-XX	M402M1-XX
2.50mm	M402F2-XX	M402M2-XX

PART NO.		TOTAL NO. OF WAYS	DIMENSIONS		
H=1.25mm	H=1.75mm		A	B	C
M402M1-1005R	M402M2-1005R	10	5.50	3.40	2.00
M402M1-1205R	*M402M2-1205	12	6.00	3.90	2.50
M402M1-1405R	*M402M2-1405	14	6.50	4.40	3.00
M402M1-1605R	M402M2-1605R	16	7.00	4.90	3.50
M402M1-2005R	M402M2-2005R	20	8.00	5.90	4.50
M402M1-2205R	*M402M2-2205	22	8.50	6.40	5.00
M402M1-2405R	M402M2-2405R	24	9.00	6.90	5.50
M402M1-2605R	*M402M2-2605	26	9.50	7.40	6.00
M402M1-3005R	M402M2-3005R	30	10.50	8.40	7.00
M402M1-3405R	*M402M2-3405	34	11.50	9.40	8.00
M402M1-4005R	*M402M2-4005	40	13.00	10.90	9.50
M402M1-5005R	*M402M2-5005	50	15.50	13.40	12.00
M402M1-6005R	M402M2-6005R	60	18.00	15.90	14.50
M402M1-7005R	M402M2-7005R	70	20.50	18.40	17.00
*M402M1-7205	*M402M2-7205	72	21.00	18.90	17.50
M402M1-8005R	M402M2-8005R	80	23.00	20.90	19.50
*M402M1-9005	*M402M2-9005	90	25.50	23.40	22.00
*M402M1-9605	*M402M2-9605	96	27.00	24.90	23.50
M402M1-10005R	M402M2-10005R	100	28.00	25.90	24.50

SPECIFICATIONS:

MATERIAL:— \triangle \triangle
 HOUSING: LCP (UL94V-0), BEIGE
 TERMINAL: PHOSPHOR BRONZE, T=0.2mm \triangle
 FINISH:—
 TERMINAL: GOLD PLATING
 ELECTRICAL:—
 CURRENT RATING: 0.5 AMP MAX.
 DIELECTRIC WITHSTAND VOLTAGE: 150V AC RMS AT
 0.5m AMP FOR 60 SECS
 CONTACT RESISTANCE: 50 m Ω MAX.
 INSULATION RESISTANCE: 1000 M Ω MIN. AT 500V DC
 ENVIRONMENTAL:—
 TEMPERATURE RANGE: -40°C ~ +105°C



*CHECK SALES FOR AVAILABILITY
 PART NO WITH R COMES IN REEL
 PART NO WITHOUT R COMES IN TUBE

NOTES: ALL DIMENSIONS AND NOTES
 MARKED \times ARE CRITICAL AND
 MUST BE CHECKED IN ACCORDANCE
 WITH QUALITY DOC. Q1-02A

TOLERANCES
 X.X = ± 0.30 mm
 X.XX = ± 0.20 mm
 X.XXX = ± 0.10 mm

ORDER CODE M402M X - XX 05R

1: 1.25mm BODY HEIGHT
 2: 1.75mm BODY HEIGHT

WITH R: REEL PACK \triangle
 WITHOUT R: TUBE PACK
 (REFER TO TABLE FOR SPECIFIC WAYS/PACK TYPE)

TOTAL NO. OF WAYS

Allan	6	30.06.08	A138
Allan	5	26.06.08	A135
Allan	4	03.10.07	A080
Allan	3	11.06.07	A049
Allan	2	12.10.06	A003
Allan	1	01.08.06	-

NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	Allan		
CUSTOMER REF.:			
ASSEMBLY DRG:			

APPROVED:

CHECKED:

DRAWN: Allan

CUSTOMER REF.:

ASSEMBLY DRG:

HARWIN

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TOLERANCES
 X. = ± 1 mm
 X.X = ± 0.25 mm
 X.XX = ± 0.10 mm
 X.XXX = ± 0.01 mm
 ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:
 SEE NOTES
 FINISH:
 SEE NOTES
 S/AREA:
 mm²

TITLE:
 BOARD TO BOARD CONNECTOR,
 0.50mm PITCH SURFACE MOUNT, MALE
 DRAWING NUMBER:
 M402M X - XX 05R

SHT
 1
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 1