

Customer Information Sheet

DRAWING No.: M50-360XX42R

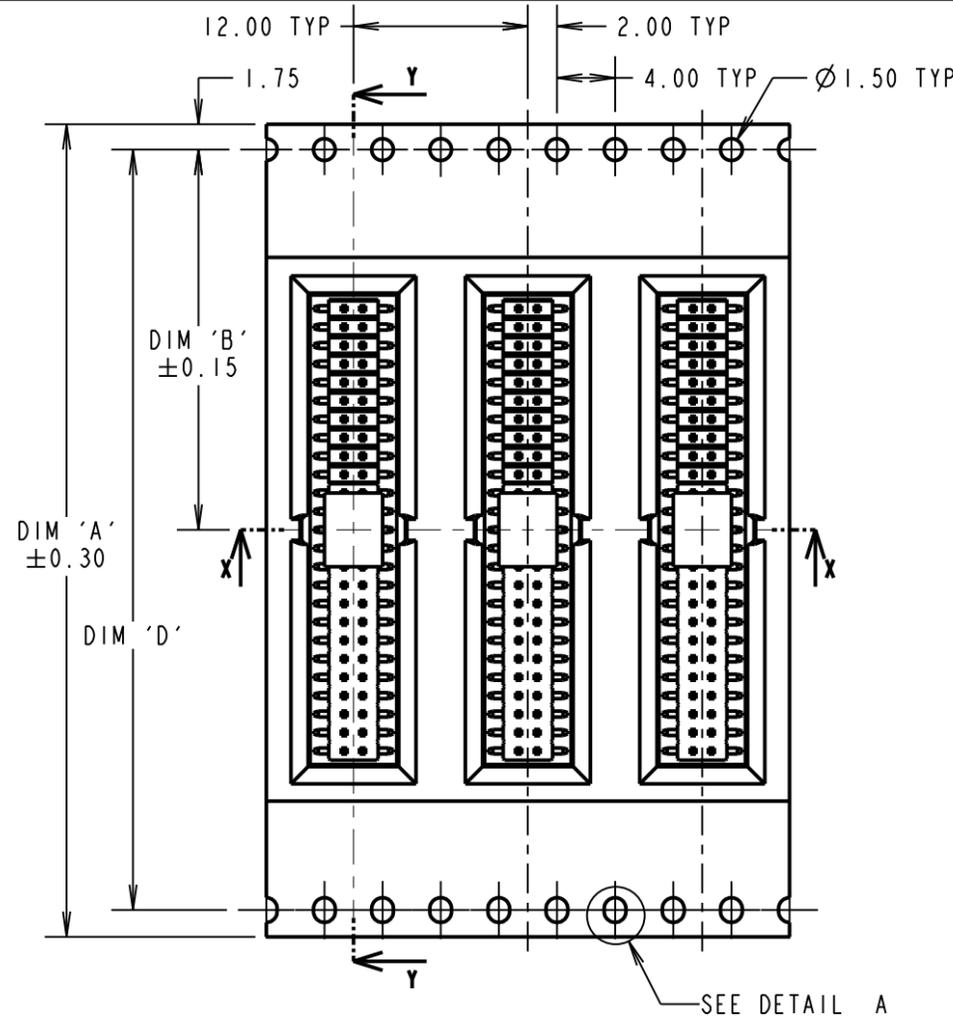
IF IN DOUBT - ASK

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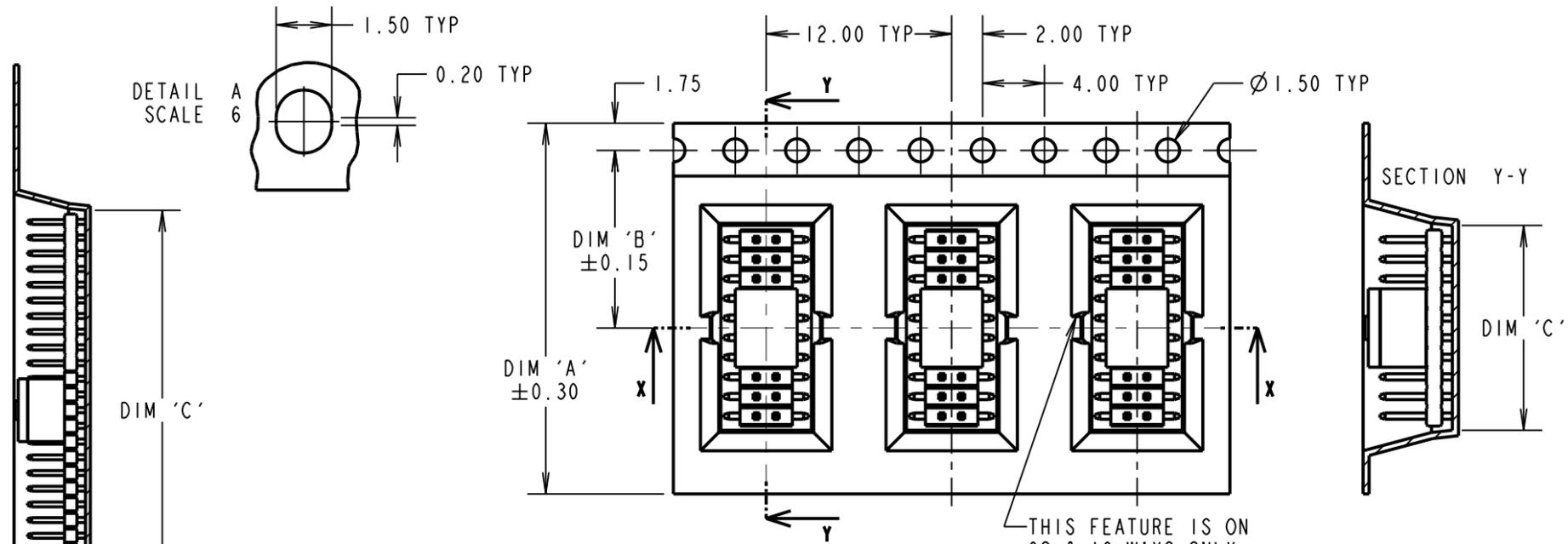
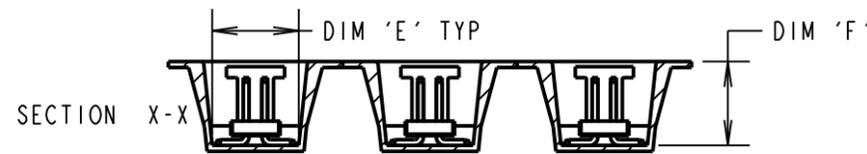
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



TAPE DETAILS FOR 20 & 25 WAYS



TAPE DETAILS FOR 02, 03, 04, 05, 06, 08 & 10 WAYS

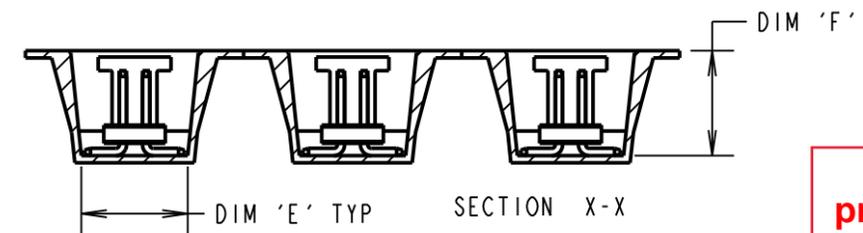
OBSOLETE
All other size/finish combinations not listed below

ORDER CODE:

M50-360XX42R

No. OF CONTACTS PER ROW:
02, 03, 04, 05, 06, 08, 10, 20, 25

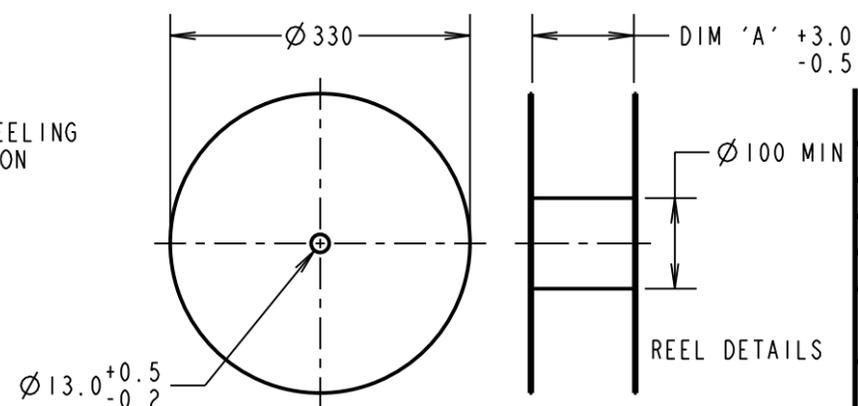
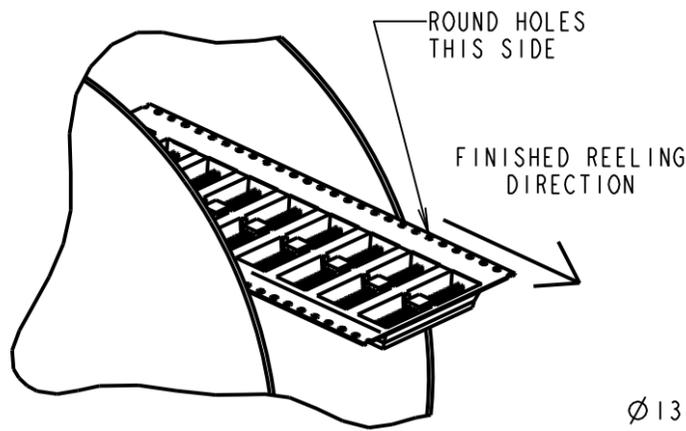
FINISH:
42 = SELECTIVE GOLD & 100% TIN OVER NICKEL



Active products:

- M50-3600242R
- M50-3600342R
- M50-3600542R
- M50-3600642R
- M50-3600842R
- M50-3601042R
- M50-3602542R

REELED PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	REEL QTY
M50-3600242R	16.00	7.50	3.60	N/A	5.85	5.78	750
M50-3600342R			4.00		5.85		
M50-3600442R			5.40		5.90		
M50-3600542R	24.00	11.50	6.65	N/A	5.85	6.15	800
M50-3600642R			7.90		5.85		
M50-3600842R			10.79		6.00		
M50-3601042R			13.00		5.85		
M50-3602042R	44.00	20.20	25.70	40.40	5.95	5.78	750
M50-3602542R	56.00	26.20	32.10	52.40	5.95		



MGP	15	10.08.20	30130
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RA			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:
- CUMULATIVE TOLERANCES OVER 10 PITCHES = ±0.20mm
 - TAPE & REELING TO BE IN ACCORDANCE WITH EIA-481 (ELECTRONIC INDUSTRIES ASSOCIATION).
 - FOR CONNECTOR DETAILS SEE SHEET 4.

HARWIN

www.harwin.com
technical@harwin.com

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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 DIL SMT VERT
LOW PROFILE SOCKET ASSY
(TAPE & REEL)

DRAWING NUMBER:
M50-360XX42R

SHT
3
OF
4

Customer Information Sheet

DRAWING No.: M50-360XX42R

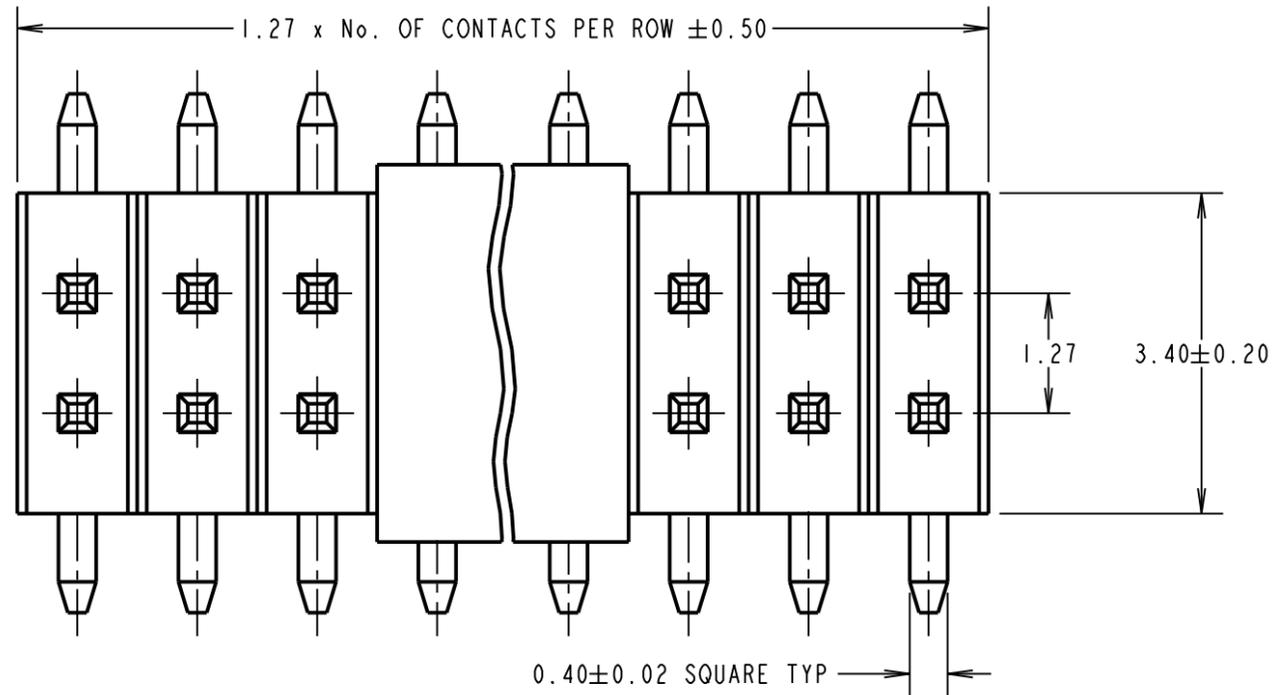
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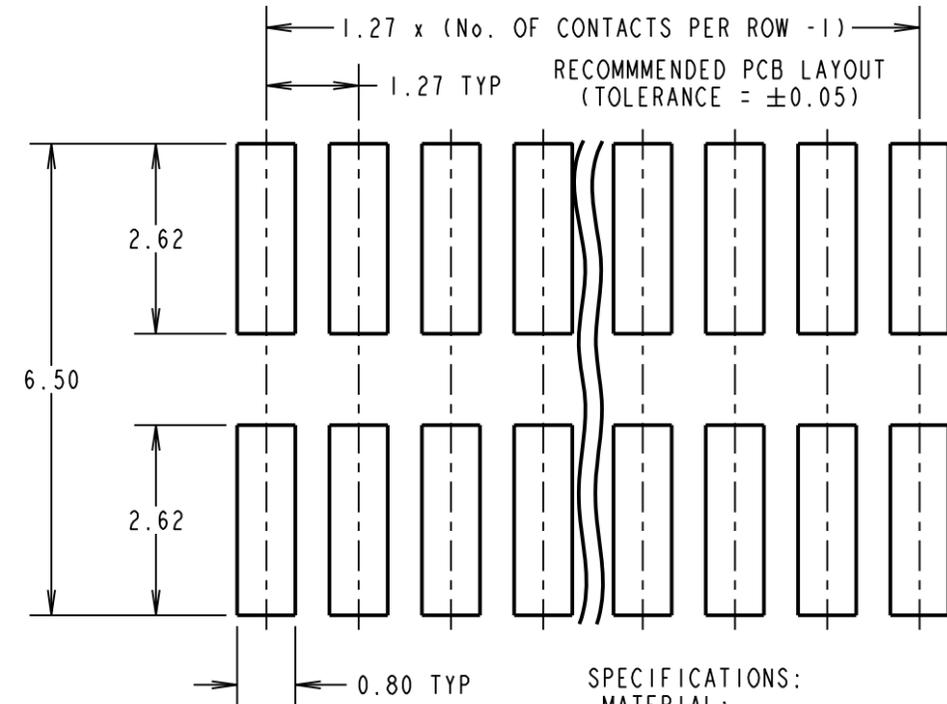
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



Active products:

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 M50-3600542R
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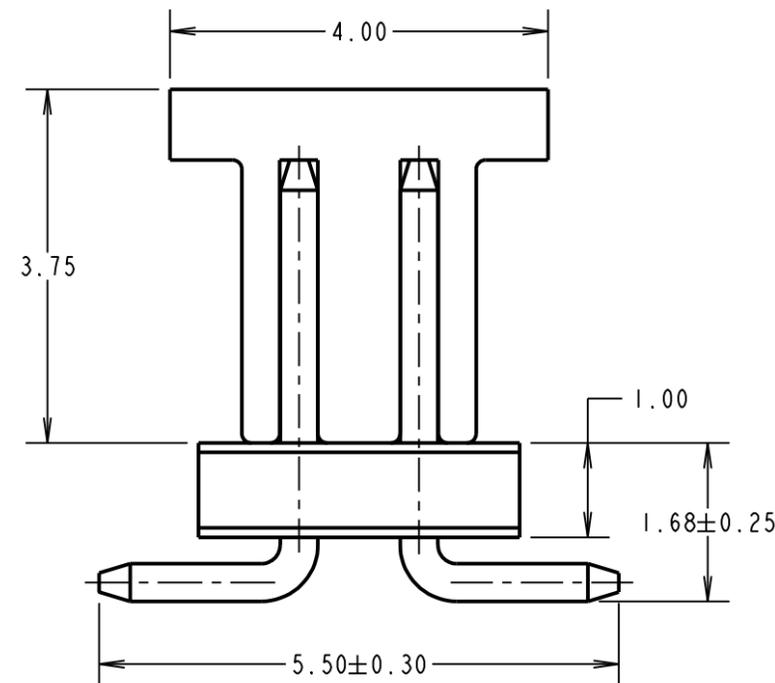
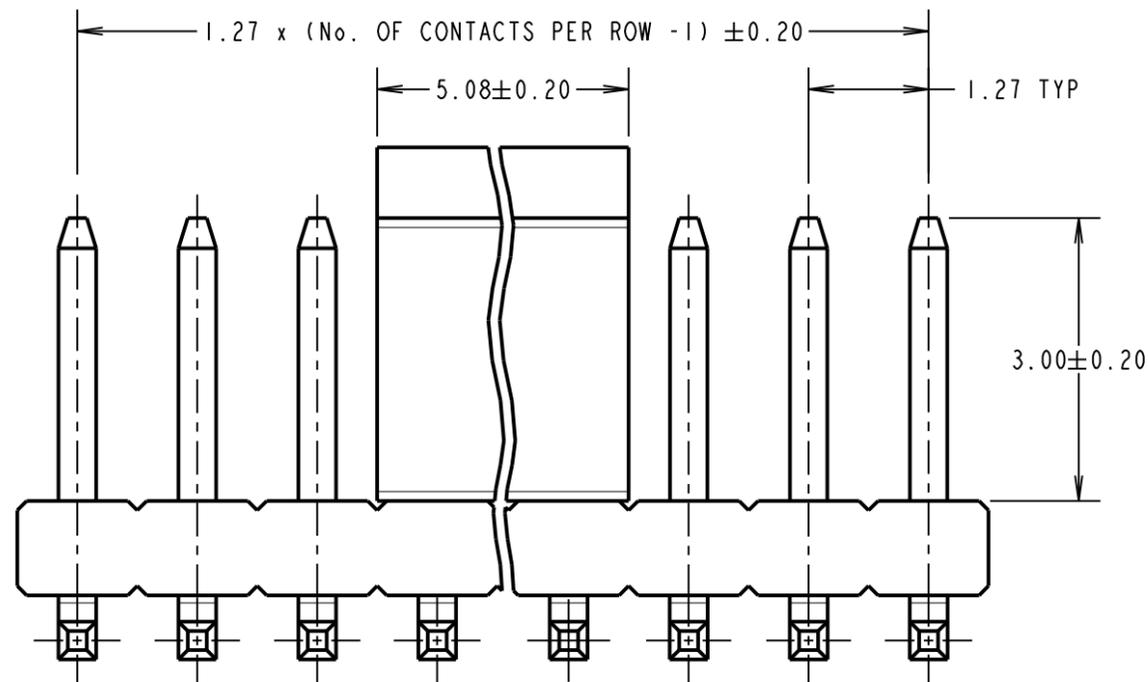
SPECIFICATIONS:

MATERIAL:
 MOULDING = HIGH TEMP THERMOPLASTIC, UL94V-0, BLACK
CONTACTS = COPPER ALLOY
FINISH:
 CONTACTS = 0.70 TO 1.30 μm NICKEL ALL OVER, 0.08 TO 0.15 μm GOLD ON CONTACT AREA, 2.50 TO 3.00 μm 100% TIN ON TAILS

ELECTRICAL:
 CURRENT RATING = 1A
 CONTACT RESISTANCE = 20m Ω MAX
 INSULATION RESISTANCE = 1000M Ω MIN
 DIELECTRIC WITHSTANDING = 500V AC FOR ONE MINUTE

MECHANICAL:
 DURABILITY = 300 CYCLES MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO +105°C

PACKING:
 BOX
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)



OBSOLETE

All other size/finish combinations not listed above

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 02, 03, 04, 05, 06, 08, 10, 20, 25

FINISH: _____
 42 = SELECTIVE GOLD & 100% TIN OVER NICKEL

NOTES:

- CO-PLANARITY OF TAILS FOR 02 TO 30 CONTACTS PER ROW = 0.15mm, 31 TO 50 CONTACTS PER ROW = 0.20mm.
- ALL TOLERANCES ARE ± 0.15 , UNLESS OTHERWISE STATED.
- FOR TAPE AND REEL DETAILS, SEE SHEET 3.

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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 ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE: 1.27mm PITCH DIL SMT VERT LOW PROFILE SOCKET ASSY (TAPE & REEL)

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