ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

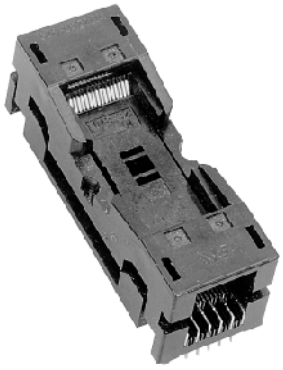
Expert team | Trust guarantee | 100% satisfaction

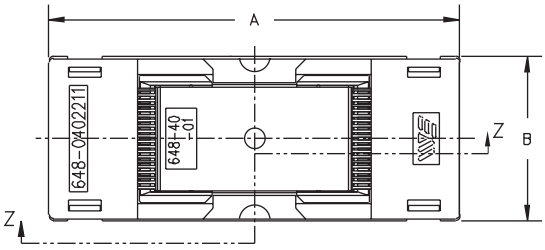
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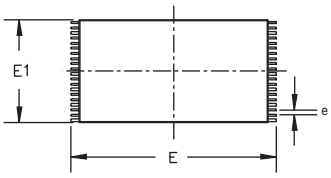
Find the *BP Microsystems ASM32T* at our website: ***Click HERE***

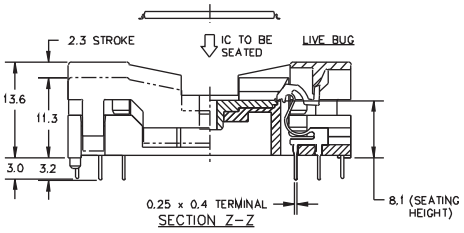
648 SERIES TSOP-I

- Available live bug with adaptor
- Open top, Zero Insertion Force design for automatic loading
- Highly reliable, pre-loaded contacts
- Thru hole design
- High force contact version (H) available for Pb- free devices









DESCRIPTION & ORDERING INFORMATION

648 X - X XX XX X X - X XX X

- Series
- Package Length: - = 20.00mm, A = 14.00mm, B = 13.40mm
- Pitch: 0 = 0.50mm, 1 = 0.55mm
- Lead Count
- Contact Positions Filled: 22 = Full Fill
- Plating: 1 = Au over Ni
- Material
- IC Insertion: A = Live Bug (with adaptor)
- Variation
- Contact Force Variation: H = 45 gm, Blank = 35 gm

MATERIALS & SPECIFICATIONS

- Socket Body: PES, PEI, LCP or Equivalent
- Contact: Beryllium Copper Alloy
- Contact Plating: Gold over Nickel
- Contact Normal Force: 45~55 grams
- Contact Resistance: 50 mΩ
- Dielectric: 600V AC RMS for 1 minute
- Temperature Rating: 150°C
- Insulation Resistance: 5,000 MΩ @ 500V DC
- Durability: 10,000 cycles min.

Lead Count	Pitch e (mm)	Package Dimensions (mm) Width (E1)	Tip to Tip (E)	Part Number	Adaptor	Socket Dimensions (mm) Length (A)	Width (B)
28	0.55	8.00	13.40	648-1282211-A01 (H)	648-28-01	33.40	14.00
32	0.50	8.00	20.00	648-0322211-A01 (H)	648-32-01	40.00	14.00
32	0.50	8.00	14.00	648A0322211-A01 (H)	648A32-01	34.00	14.00
32	0.50	8.00	13.40	* 648B0322211 (H)	n/a	33.40	14.00
40	0.50	10.00	20.00	648-0402211-A01 (H)	648-40-01	40.00	16.00
40	0.50	10.00	14.00	648A0402211-A01 (H)	648A40-01	34.00	16.00
48	0.50	12.00	20.00	648-0482211-A01 (H)	648-48-01	40.00	18.00
48	0.50	12.00	20.00	* 648-0482211SA01 (H)	n/a	40.00	18.00
56	0.50	14.00	20.00	648-0562211-A01 (H)	648-56-01	40.00	20.00

* Without adaptor
(H) = Compatible with Pb free packages

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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