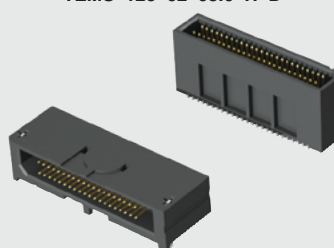
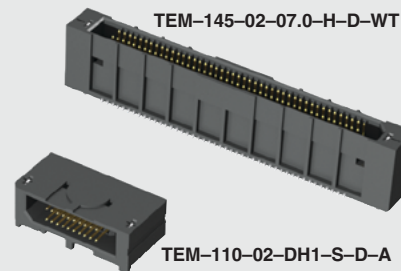


TEM-145-02-07.0-H-D-WT

**TIGER™
EYE
SYSTEM**



TEM-120-02-DH1-S-D-A



TEM-110-02-DH1-S-D-A

TEM, TEMS, TEM-DH SERIES

MICRO TIGER EYE™ HEADER

SPECIFICATIONS

Yes

PROCESSING

RECOGNITIONS

RL[®]
FILE NO. E111594

OTHER SOLUTIONS

- **Latching option:**
See TEM-L1 in Discrete Wire Cable section.
- **Board Stacking:**
See SFM, TFM Series
- **Cable Assemblies:**
See SFSD, TFSD, SESDT Series

ALSO AVAILABLE
(MOQ Required)

- Other sizes
- Other platings

Note:
Some sizes, styles and options are non-standard, non-returnable.

TYPE STRIP

1

NO. OF POSITIONS

02

STACK HEIGHT

PLATING OPTION

D

OPTION

OTHER OPTION

TEM
= Tiger Eye™ Strip

TEMS
= Tiger Eye™ Slim Strip

05, 10, 15, 20, 25
(Per Row)

30, 35, 40, 45, 50
(Per Row)
(TEM only)
(Standard sizes)

−03.0
= 6 mm
Stack Height

−04.0
= 7 mm
Stack Height

−07.0
= 10 mm
Stack Height

−FG
= Gold Flash

−G
= 10 μ" (0.25 μm)
Gold on contact,
Gold Flash on tail

−H
= 30 μ" (0.76 μm)
Gold on contact,
Gold Flash on tail

Leave blank for TEMS

−A
= Alignment Pin
(Not available with −LC or −WT)

−LC
= Locking Clip
(Not available with −A or −WT)
(Manual placement required)

−WT
= Weld Tab
(Not available with −A or −LC)

−K
= (5.50 mm) .217" DIA Polyimide film Pick & Place Pad (Required for TEMS)

−TR
= Tape & Reel (Required for TEMS)

STACK HEIGHT	A	MATED HEIGHT* (WHEN MATED WITH SEM/SEMS)
−03.0	(6.610) .2209	6 mm
−04.0	(6.610) .2602	7 mm
−07.0	(9.610) .3783	10 mm

*Processing conditions will affect mated height.

TEM

TEMS

POWER/SIGNAL APPLICATION

Compatible with UMPT/UMPS for flexible two-piece power/signal solutions

10 YEAR MFG WITH 30 μ" GOLD

EXTENDED LIFE PRODUCT

HIGH MATING CYCLES

POWER/SIGNAL APPLICATION

Compatible with
UMPT/UMPS for flexible
two-piece power/signal solutions

TEM — **1** **NO. OF POSITIONS** — **02** — **DH1** — **PLATING OPTION** — **D** — **OPTION**

10, 15, 20, 25, 30, 35, 40, 45, 50
(Per Row)
(Standard sizes)

—F
= Gold Flash on contact, Matte Tin on tail

—L
= 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail

—S
= 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail

—A
= Alignment Pin

Top View Dimensions:
 Total Width: $(\text{No. of Positions} \times (0.80) .0315) + (9.00) .354$
 Height: (8.50) .335

Side View Dimensions:
 Total Length: $(\text{No. of Positions} \times (0.80) .0315) + (4.00) .1575$
 Height: (6.00) .236
 Tail Height: (3.70) .146
 Tail Width: (0.30) .012
 Tail Angle: (0.25) .010
 Tail Radius: (0.80) .0315
 Tail Diameter: (1.21) .048
 Tail Length: $(\text{No. of Positions} \times (0.80) .0315) + (7.00) .276$

—A OPTION

Cross-sectional View Dimensions:
 Total Length: (6.28) .247
 Tail Length: (7.99) .315
 Tail Diameter: (1.40) .055
 Tail Angle: (0.50) .0197
 Tail Radius: (1.27) .050 DIA
 Tail Diameter: (0.87) .034

Due to technical progress, all designs, specifications and components are subject to change without notice.

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Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.*

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