[0.25]
0.010 (MAT'L)

[0.13]
R.005 TYP.

[2.92]
0.115

[1.52]
0.060

[26.11]
1.028

[13.41]
0.528

✳ INSIDE

[0.51]
R.020

[2.29]
0.090

DIMENSIONS ARE IN INCHES [MILLIMETERS]
TOLERANCES:
FRACTIONAL±
ANGULAR: MACH± 3 Degrees
TWO PLACE DECIMAL   ± .015 [.381]
THREE PLACE DECIMAL ± .010 [.254]

MATERIAL:
.010" [.254] NICKEL SILVER, 1/2 HARD

FINISH:

WEIGHT: 0.041oz. [1.171g]

	NAME	DATE
DRAWN	TNC	10/28/2015
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

ORBEL
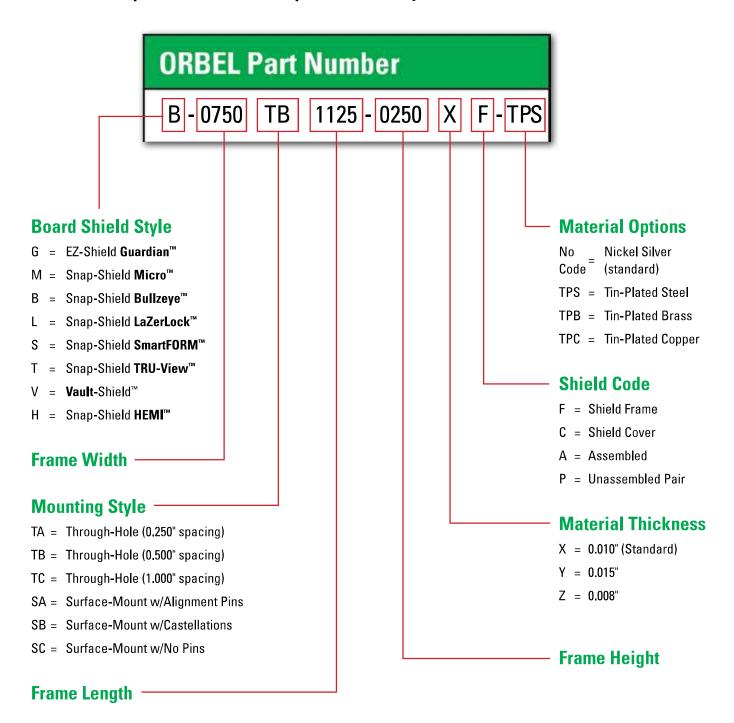ENGINEERED SOLUTIONS

SIZE
A

DWG NO.
B-0500CC1000-0250XC

REV.
01

SCALE: 2:1   CAGE CODE: 57DU2   SHEET 1 OF 1
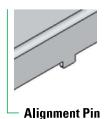
HOW TO ORDER BOARD LEVEL SHIELDING

The chart below is an easy-to-use reference on how Orbel BLS part numbers are created and used to order standard and custom board level shielding. Custom configurations that fall outside of our standard shield styles are also available.

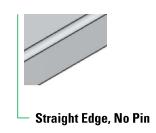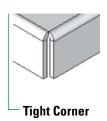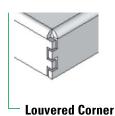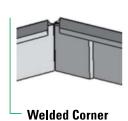## Sample Part Number (Snap-Shield Bullzeye™): B-0750TB1125-0250XF - TPS

ORBEL Part Number

B - 0750 TB 1125 - 0250 X F - TPS

Board Shield Style

G = EZ-Shield **Guardian**™

M = Snap-Shield **Micro**™

B = Snap-Shield **Bullzeye**™

L = Snap-Shield **LaZerLock**™

S = Snap-Shield **SmartFORM**™

T = Snap-Shield **TRU-View**™

V = **Vault**-Shield™

H = Snap-Shield **HEMI**™

Frame Width

Mounting Style

TA = Through-Hole (0.250" spacing)

TB = Through-Hole (0.500" spacing)

TC = Through-Hole (1.000" spacing)

SA = Surface-Mount w/Alignment Pins

SB = Surface-Mount w/Castellations

SC = Surface-Mount w/No Pins

Frame Length

Material Options

No Code = Nickel Silver (standard)

TPS = Tin-Plated Steel

TPB = Tin-Plated Brass

TPC = Tin-Plated Copper

Shield Code

F = Shield Frame

C = Shield Cover

A = Assembled

P = Unassembled Pair

Material Thickness

X = 0.010" (Standard)

Y = 0.015"

Z = 0.008"

Frame Height

STANDARD FEATURES

PIN OPTIONS

Alignment Pin

Through-Hole Pin

Through-Hole Pin with Standoff

Castellation Edge

Straight Edge, No Pin

CORNER OPTIONS

Tight Corner

Louvered Corner

Welded Corner

ADDITIONAL OPTIONS

Trace Notch

Pick Target

Ventilation Holes

Logo or Part Number Marking

PERFORMANCE SPECS

Material Options
- Nickel Silver
- TPS: Tin-Plated Steel
- TPB: Tin-Plated Brass
- TPC: Tin-Plated Copper

Co-Planarity
- Smaller Shields: 0.004"
- Larger Shields: 0.008"

Material Thicknesses
- 0.010" (Standard)
- 0.008"
- 0.012"
- 0.015"

RoHS-Compliant
- Yes

Shielding Effectiveness
- Up to 60dB

Other material options include beryllium copper, phosphorus bronze, and stainless steel. Additional plating finishes available upon request.

All technical data presented herein is accurate to the best of our knowledge based on Orbel's most up-to-date testing information and material specs.
This information is not presented as a warranty or guarantee and is not intended to be all-inclusive as to conditions of use.