


[0.25]
0.010 (MAT'L)

[0.25]
R.010 TYP.

[2.54]
0.100

[17.78]
0.700

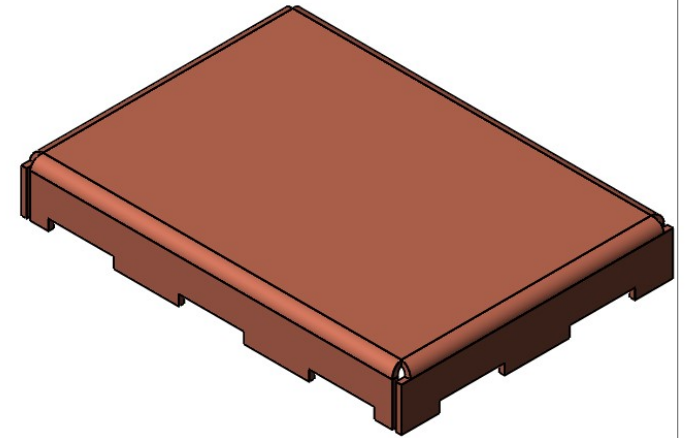
[12.70]
0.500

 .004

[3.05]
0.120

[3.05]
0.120

[0.51]
0.020



[13.97]
0.550

[11.30]
0.445

[8.76]
0.345

[5.21]
0.205

[2.67]
0.105

[1.52]
0.060

[0]
0

TRACE PATTERN
SCALE 2:1

[0]
0

[1.52]
0.060

[2.16]
0.085

[4.70]
0.185

[8.26]
0.325

[10.80]
0.425


[14.35]
0.565

[16.89]
0.665

[19.05]
0.750



RoHS Compliant

THIRD ANGLE PROJECTION 

DO NOT SCALE DRAWING

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

MATERIAL:
.010" [.254] Cu 110, 1/2 HARD

FINISH:
50-200U" MATTE TIN PLATE

WEIGHT: 0.027oz [0.757g]

	NAME	DATE
DRAWN	TNC	1/31/2014
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

SIZE	DWG NO.	REV.
A	G-0500SB0700-0100XC-TPC	01
SCALE: 4:1	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 Bullzeze™): B-0750TB1125-0250XF - TPS



Board Shield Style

- G = EZ-Shield **Guardian™**
- M = Snap-Shield **Micro™**
- B = Snap-Shield **Bullzeze™**
- 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 = Nickel Silver
- Code = (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.