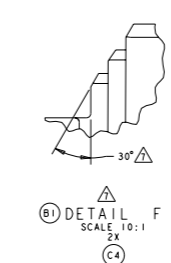
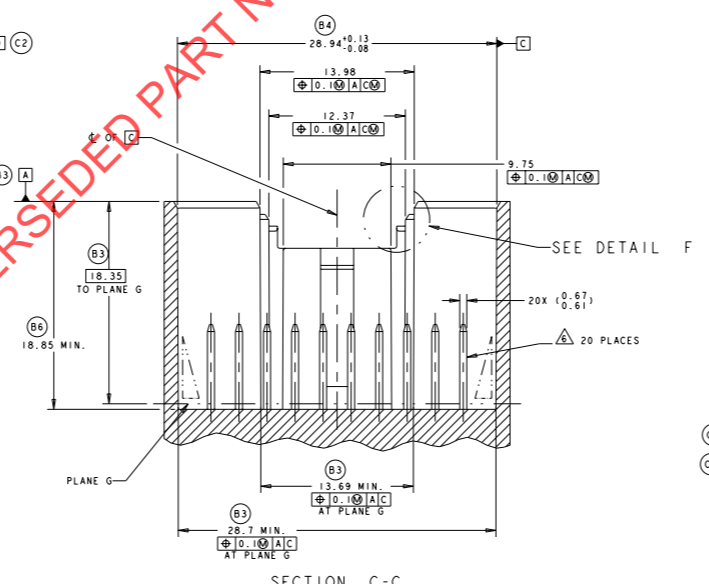
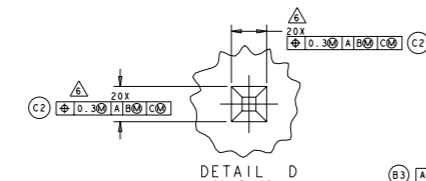
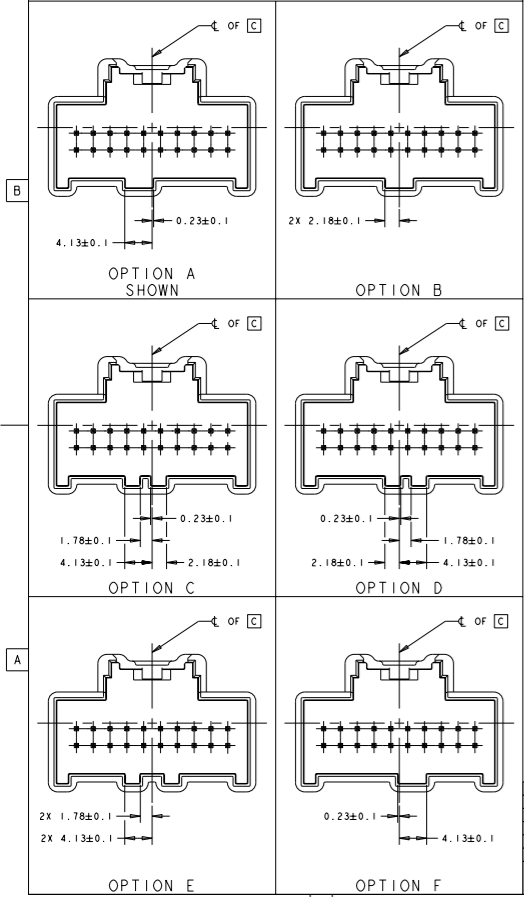


**KEYING OPTIONS**  
DIMENSIONS ARE SHOWN AT DATUM D  
SCALE 3:1



- NOTE(S):
- ALL KEY OPTIONS MUST BE FEASIBLE IN TOOL.
  - UNLESS OTHERWISE SPECIFIED, ALL BLENDS = 0.20.
  - UNLESS OTHERWISE SPECIFIED, 0.25° MAXIMUM DRAFT ANGLE STARTING AT PLANE G.
  - CONNECTOR OUTSIDE CONFIGURATION AND DIMENSIONS NOT DEFINED EXCEPT WHERE NOTED. RECOMMENDED WALL THICKNESS 1.2 TYPICAL.
  - REFER TO DRAWING EWCAP-001, DETAIL 064-T001 FOR CONTACT PIN TIP INFORMATION.
  - THIS GEOMETRY IS OPTIONAL.
  - DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
  - REVERSE DRAFT PERMISSIBLE IN LATCH DETAILS.
  - SYMBOL INDICATES MOLD DRAFT DIRECTION.

064-U-020-2-A01	A	C	BLACK
064-U-020-2-B01	B	C	GRAY
064-U-020-2-C01	C	C	BROWN
064-U-020-2-D01	D	C	GREEN
064-U-020-2-E01	E	C	DARK BLUE
064-U-020-2-F01	F	C	NATURAL/WHITE

EWCAP P/N    OPTION    REVISION    MATING CONNECTOR COLOR

0047	C8	ADDED "2X" TO 18.39 DIM	10/28/04	BE	JG
0032	B4	28.94±0.13±0.08 WAS 28.94±0.08 0.95±0.1 WAS 0.30±0.1 X 45°	11/18/03	MFF	JG
	B3	ADDED 18.35, 18.1 MIN., 13.69 MIN., 28.7 MIN., AND 0.35±0.1			
	B2	ADDED DATUM G1 TO SECTION A-A, SECTION B-B, AND SECTION C-C			
	B1	ADDED DETAIL F AND NOTE 87			
	A	RELEASED	07/07/03	MFF	JG

CHANGE SERIAL NUMBER    LET    REVISION RECORD    DATE    DWN    CHK

TOLERANCES (UNLESS OTHERWISE SPECIFIED) DIMENSIONS ARE IN MILLIMETERS

ANGLES ± 2°

0.12 ± 0.25    0.12 ± 0.13

SCALE: 5:1    DRAWN BY: M. FORISKA    CHECKED BY: J. GUNDERMANN    DATE: 07/07/03

TITLED: 2 X 10 UNSEALED INTERFACE 0.64mm CONNECTORS

SHEET: 1 OF 1    DRAWING NUMBER: 064-U-020-2-201    SIZE: E    DO NOT SCALE DRAWING    REVISION LEVEL: C

SUPERSEDED PART NUMBER REPLACED BY 064-U-020-2-Z02



064-U-020-2-201

NOTICE

EWCAP has selected common dimensions for the connector depicted and described herein (listed below). Further, EWCAP has selected for publication this drawing prepared by Tyco Electronic Corporation as representative of a connector having these dimensions. In exchange for the consideration of the selection of this drawing for publication (including posting on EWCAP's web site) and other good and valuable consideration flowing from this selection, Tyco Electronics Corporation hereby agrees on behalf of itself and its successors and assigns, with respect to any copyrights it may have in this drawing as well as any patent rights it may have in the connector illustrated in this drawing, not to enforce such copyrights and patents against any person or entity on account of their activities to make, have made, use and sell the connector illustrated in this drawing for vehicular applications. The term "connector" as used in this paragraph is limited solely to the structure specifically illustrated in this drawing.

Signed Richard E Hasz for Tyco Electronics Corporation.

Date: Oct 6, 2003

Name and title of signer: Richard Hasz - Product Manager -  
Tyco Electronics - Automotive Americas North

NO WARRANTIES OR INDEMNITIES OF ANY KIND ARE MADE OR IMPLIED BY Tyco Electronic Corporation OR EWCAP. IN PARTICULAR THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, NON-INFRINGEMENT OR ANY OTHER WARRANTY OF ANY KIND. IN ADDITION THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OR INDEMNITIES OF ANY KIND RELATING TO THIRD PARTY CLAIMS ARISING UNDER THE INTELLECTUAL PROPERTY LAWS OF ANY COUNTRY. ANYONE USING THE INFORMATION IN THIS DRAWING DOES SO AT THEIR OWN RISK.

064-U-014-2-Z01  
064-U-020-2-Z01

SUPERSEDED PART NUMBER BY 064-U-020-2-Z01