

PRODUCT NUMBER

SEE TABLE

68402-XXX-LF

LEAD FREE OPTION

PACKAGING OPTION NOTE 6. OMIT IF NOT REQUIRED

NO OF POSITIONS PER ROW

PLATING CODE

BASE PART NUMBER

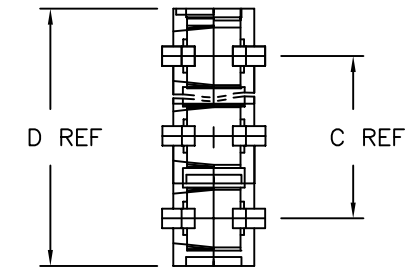
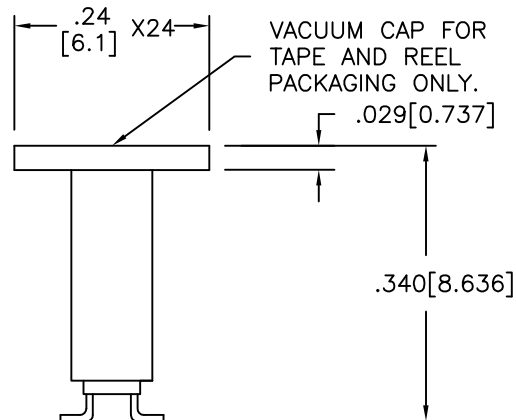
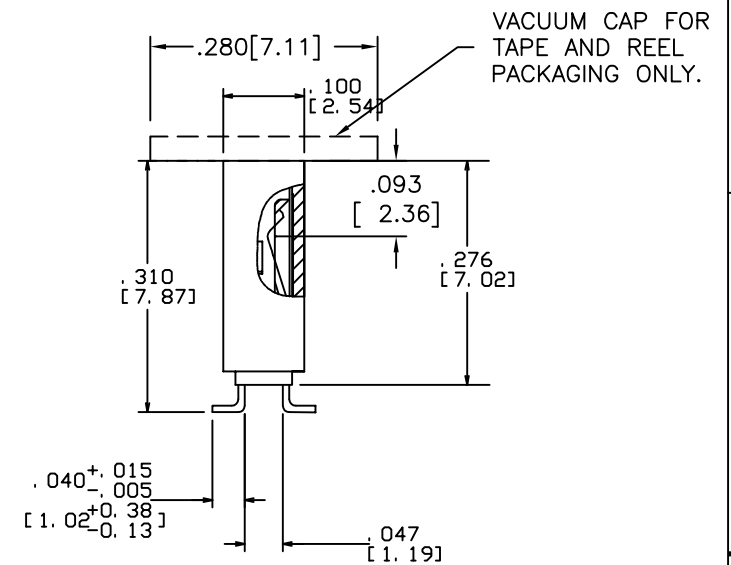
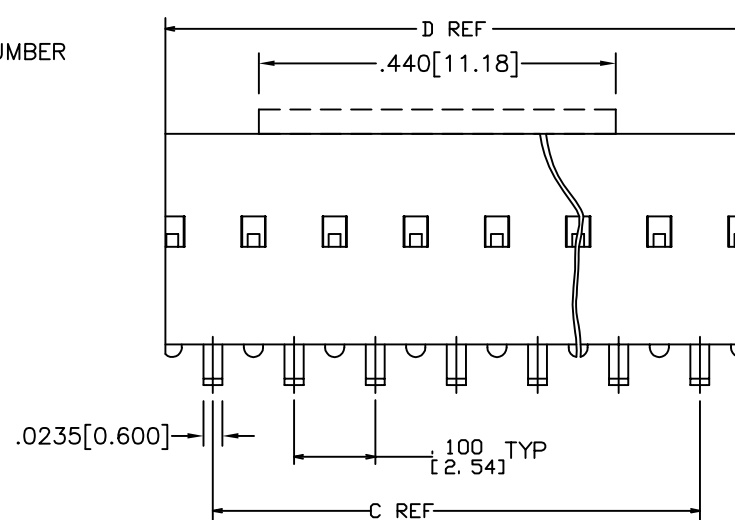


FIGURE 1
SMALL CAP FOR LESS THAN 6 POSITION

mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☐ ISO 1101	projection 	product family DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
V	EX-N-17326	ZK	03/28/14	angles	linear	.XX±.01/.3	INCH/MM	DUBOX SURFACE MOUNT S/R VERTICAL CARD CONNECTOR	
W	EX-N-18093	Henry	06/26/14			.XXX±.005/.13			
				0°±2°		.XXXX±.0020/.051	scale 5:1	dwg no	
R	V03-0309	HTB	04/28/03	dr	J. SHEREINER	11/07/90		sheet. 1 of 5	size
S	V05-0463	DPU	06/28/05	enr	M. HAHN	11/07/90		68402	A3
T	M07-0114	AGS	02/15/07	chr	M. HAHN	11/07/90		type Product Customer Drawing	
U	M07-0198	MHT	4/24/07	appd	M. HAHN	11/07/90			
sheet	revision	W	W	W	W	W			
index	sheet	1	2	3	4	5			

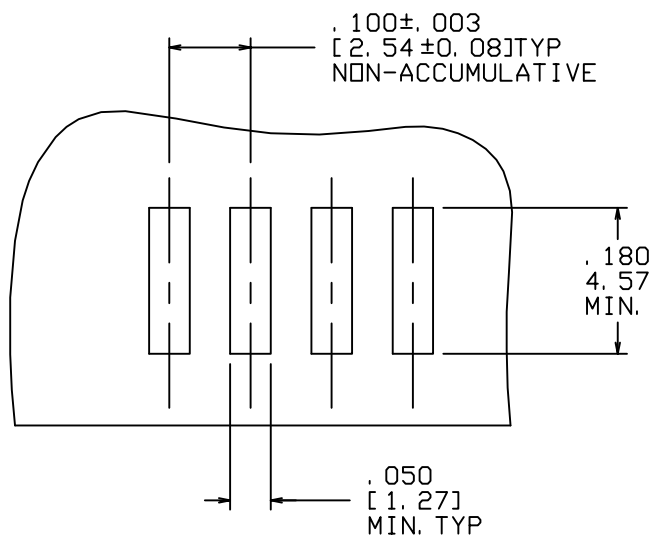


FIGURE A
TOP ENTRY
.025/.64 SQ PIN

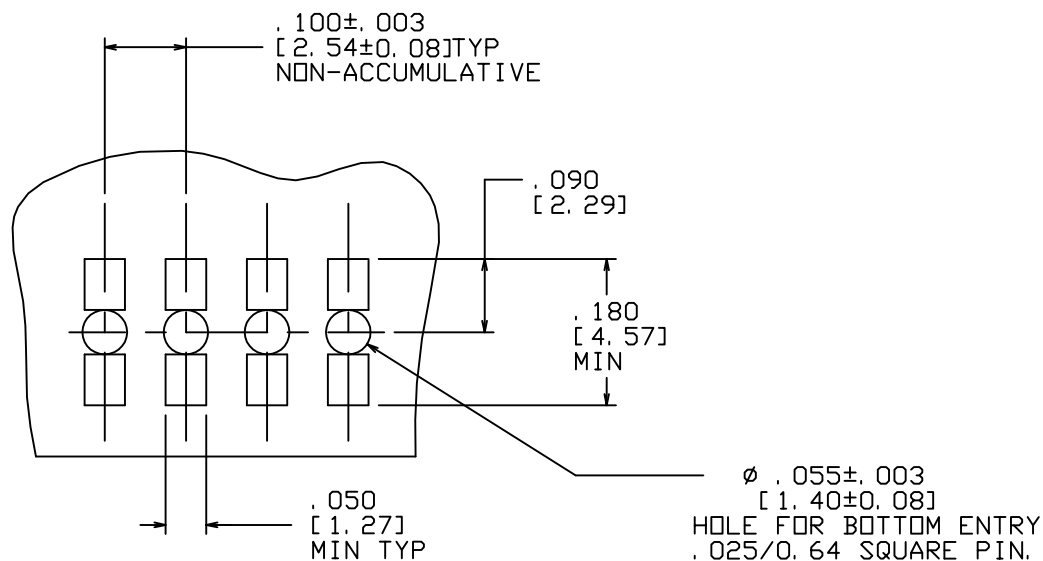


FIGURE B
BOTTOM ENTRY (THROUGH PWB)
.025/.64 SQ PIN

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONNECTOR			
W					angles	linear	.XX±.01/.3 .XXX±.005/.13 0°±2' .XXXX±.0020/.051						
					dr	J. SHEREINER	11/07/90			dwg no 68402		sheet. 2of 5 size A3	
				engr	M. HAHN	11/07/90							
				chr	M. HAHN	11/07/90							
				appd	M. HAHN	11/07/90							
sheet index		revision sheet											

PRODUCT NO NOTE 14	PLATING CONTACT AREA NOTE 16	PLATING SOLDER TAIL	MATERIAL REF.	
68402-2XX	15u"/.38u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100μ"/160μ" SN 2.54μ/4.06μ	NOTE 3 & 4	
68402-3XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100μ"/160μ" SN 2.54μ/4.06μ	NOTE 3 & 4	
68402-4XX	100u"/2.54u Sn MIN OVER 50u"/1.27u NI	100μ"/160μ" SN 2.54μ/4.06μ	NOTE 3 & 4	
68402-6XX	30u"/.76u Au OR GXT MIN OVER 50u"/1.27u NI MIN	100μ"/160μ" SN 2.54μ/4.06μ	NOTE 3 & 4	
68402-8XX	30u"/.76u Au MIN OVER 50u"/1.27u NI MIN	100μ"/160μ" SN 2.54μ/4.06μ	NOTE 3 & 4	OBSOLETE

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 5:1	title DUBOX SURFACE MOUNT S/R VERTICAL CARD CONNECTOR	
W				angles	linear		dwg no 68402	
				0°±2°	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051			
				dr	J. SHEREINER 11/07/90			
				enr	M. HAHN 11/07/90		sheet. 3 of 5 size A3	
				chr	M. HAHN 11/07/90			
				appd	M. HAHN 11/07/90			
sheet index	revision sheet						type Product Customer Drawing	

PRODUCT NUMBER

SEE TABLE

NOTES:

- ①. TERMINAL MATERIAL: PHOSPHOR BRONZE.
EXTRA HARD
2. RECOMMENDED APPLICATION DATA:
 - A. RECOMMENDED SOLDER PAD PATTERN IS SHOWN IN FIGURE A & B.
 - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACING. WITHIN .015/.38 DIA.
 - C. SUGGESTED MATING PIN LENGTH $.210 \pm .010$ [5.33±.51]
- ③. HOUSING MATERIAL: P.P.S., FILLED.
FLAME RETARDANT PER UL 94 V-0.
THIS PART WILL WITHSTAND EXPOSURES TO 260°C
PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER,
INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ④. PRESTAMPED POST PLATED TERMINAL.
5. FCI, FCI PART NUMBER AND DATE CODE
TO BE MARKED ON TUBE LABEL.
- ⑥. ADD SUFFIX 'P' TO DASH NUMBER AS FOURTH DIGIT FOR
TAPE & REEL PACKAGING.
ADD SUFFIX 'W' TO DASH NUMBER AS WITHOUT CAP ASSEMBLY
FOR TAPE & REEL PACKAGING.
7. TAPE AND REEL PACKAGING PER GES-14-334.
- ⑧. VACUUM CAP MATERIAL: L.C.P., FLAME RETARDANT UL 94 V-0.
COLOR: BLACK
- ⑨. TAPE AND REEL PACKAGING FOR 24mm WIDE AND BELOW HAVE
PILOT HOLES ON ONE SIDE OF TAPE ONLY. SIZES ABOVE 24mm
HAVE PILOT HOLES ON BOTH SIDES OF TAPE.
- ⑩. TAPE & REEL PACKAGING 32mm TAPE WIDTH, WITH 12mm POCKET PITCH.
- ⑪. MAXIMUM LENGTH OF CONNECTOR FOR TAPE AND REEL PACKAGING IS
2.50 INCHES LONG /63.5mm
- ⑫. PART NUMBER WITH "U" SUFFIX IS FOR SAWING PURPOSES ONLY.
13. STANDARD TUBE PACKAGE PER BUS-14-097/3.
- ⑭. ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
15. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATION AS DESCRIBED IN GS-22-008.
- ⑯. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

VACUUM PICK-UP CAP
CENTRALLY LOCATEDDUBOX VERTICAL RECEPTACLE
DOUBLE ROW.157[3.99]
NOTE 9

.069[1.75]

TAPE WIDTH
NOTE 10POCKET PITCH
NOTE 10FIGURE 2
TAPE & REEL PACKAGING

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title	
W				angles	linear		DUBOX SURFACE MOUNT S/R VERTICAL CARD CONNECTOR	
				0°±2°	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	scale 5:1	dwg no	sheet. 4 of 5 size
				dr	J. SHEREINER 11/07/90	FCI	68402 A3	
				enr	M. HAHN 11/07/90			
				chr	M. HAHN 11/07/90			
				appd	M. HAHN 11/07/90			
sheet index	revision sheet						type Product Customer Drawing	

